

## PRECAUTIONARY STATEMENTS

### Hazards To Humans And Domestic Animals

Keep away from humans, domestic animals and pets. May be fatal if swallowed. Harmful if absorbed through the skin, inhaled, or in eyes. Do not breathe dust. Avoid contamination of feed or foodstuffs. Avoid contact with acids. Wash all utensils, spoons, or measuring devices thoroughly after using.

### Personal Protective Equipment (PPE)

All handlers, including loaders and applicators, must wear: long sleeve shirts and long pants, shoes plus socks and gloves. In addition, persons loading baits into aircraft or mechanical ground equipment and persons loading/applying with a 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 any R, P, or HE filter, and protective eyewear. Follow manufacturer's instructions for cleaning/maintaining PPE, such as gloves. If no instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Wash hands thoroughly after applying powder and before eating, drinking, chewing gum, using tobacco, or using the toilet.

### ENDANGERED SPECIES CONSIDERATIONS

Notice: Killing of an endangered species may result in fine and/or imprisonment under the Endangered Species Act. The use of this product may pose a hazard to a Federally designated endangered/threatened species. For protection of federally listed species, users shall consult the U.S. EPA Endangered Species Bulletin for the county in which the application will occur. A copy of the bulletin may be obtained from the county agricultural commissioner or downloaded from the internet at the following website: <http://www.cdpr.ca.gov/docs/es/colist.htm>.

### Environmental Hazards

This product is toxic to birds, fish, and other wildlife. Dogs and other predatory and scavenging mammals 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 inter-tidal areas below the high-water mark.

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a dry place. Do not store around the home. Store in a locked enclosure or other location not accessible to children, domestic animals, or pets.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by State or Local authorities, by burning. If burned, stay out smoke.

## RESTRICTED USE PESTICIDE

### Due to Hazard to Nontarget Organisms

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.

# RODENT BAIT ZINC PHOSPHIDE TREATED GRAIN (2.0%)

Active Ingredient:  
Zinc Phosphide.....2.00%  
Other Ingredients.....98.00%  
Total.....100.00%

## WARNING KEEP OUT OF REACH OF CHILDREN

### FIRST AID

Have label with you when obtaining treatment advice, including 1-800-858-7378. Any person applying zinc phosphide products and experiencing symptoms such as nausea, abdominal pain, tightness in chest, or weakness should be seen by a physician immediately.

<b>If swallowed</b>	<ul style="list-style-type: none"><li>Call a poison control center or doctor immediately for treatment or transport the patient to the nearest hospital.</li><li>Do not drink water.</li><li>Do not administer anything by mouth or induce vomiting unless told to do so by the poison control center or doctor.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>Take off contaminated clothing.</li><li>Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>Call a poison control center or doctor immediately for treatment advice.</li></ul>
<b>If inhaled</b>	<ul style="list-style-type: none"><li>Move person to fresh air</li><li>If person is not breathing, call an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.</li><li>Call a poison control center or doctor immediately for treatment advice.</li></ul>
<b>If in Eyes</b>	<ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>Call a poison control center or doctor immediately for treatment advice.</li></ul>

California Department of Food and Agriculture  
1220 N Street, Room 341  
Sacramento, California 95814

EPA SLN No. CA 890027  
EPA EST. No.  
California Reg. No. 10965-50015

### Net Contents:

## DIRECTIONS FOR USE

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

THIS PRODUCT MAY ONLY BE DISTRIBUTED AND USED IN CALIFORNIA AND MAY ONLY BE SOLD BY THE OFFICES OF CALIFORNIA'S COUNTY AGRICULTURAL COMMISSIONERS.

**READ THIS LABEL:** Read this entire label and follow all directions and use precautions.

**IMPORTANT:** Store product not in use in a location out of reach of children, pets, and domestic animals, and wildlife. Dispose of product container, unused, spoiled or unconsumed bait as specified in the "STORAGE AND DISPOSAL" section of this label.

### USE RESTRICTIONS – FOR ALL USES

This product may only be used to control California ground squirrels (*Spermophilus beecheyi*), Belding's ground squirrels (*S. beldingi*), Norway rats (*Rattus norvegicus*), roof rats (*R. rattus*), California voles (*Microtus californicus*), and Montane voles (*M. montanus*), at the use sites and using application methods that are identified in the "USE RESTRICTIONS"; and other use directions that appear below the target species groupings indicated. Contact your local County Agricultural Commissioner's office if you need help in identifying the target species you intend to control or are not sure about the limitations of the site designations.

Do not apply this product in or around homes or other human residences. Do not apply this bait at sites or to control pests not indicated on this label. Do not apply this product by application methods that are not specified on this label.

Do not apply this product when ground or plants are wet or when rain is likely within the next 24 hours. Do not apply within a 100-foot radius of any well. Do not apply on roads, in water or in areas accessible to farm or ranch animals.

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 treatment area during the application.

This product may be applied by use of broadcast baiting, spot baiting, and burrow baiting as stipulated below under target species groupings.

**BAIT ACCEPTANCE TRIALS:** Before applying toxic bait, test for target species' readiness to accept this product by manually scattering untreated crimped oat grouts ("squirrel oats") to portions of the infested area. Using flagging or other suitable items, mark areas where oats were scattered and return on the following day to observe whether oats are being or have been consumed and to assess whether consumption was by target or nontarget species. Do not apply toxic bait if it appears that nontarget species were primarily responsible for consuming the oats. Apply toxic bait only if target species appear to have accepted oats readily. Untreated crimped oat grouts may be obtained from the County Agricultural Commissioner's office.

**PREBAITING:** Prebaiting – applying nontoxic bait throughout the proposed treatment area by the same method to be used for applying toxic bait – is recommended to enhance bait acceptance by target species, especially ground squirrels.

### FOLLOW-UP OPERATIONS – FOR ALL USES

Collect dead rodents and dispose of them by deep burying, burning (if permitted in your County or community), or by double-plastic bagging or wrapping in newspaper and discarding in trash. Wear disposable plastic gloves or other suitable hand protection if you must pick up carcasses by hand.

### NORWAY AND ROOF RATS

**USE RESTRICTIONS (Outdoor Field Use):** This product may be used to control Norway rats and roof rats outdoors in uncultivated agricultural areas; on noncrop boarders and rights-of-way adjacent to canal banks, ditch banks, highways, levees, railroad lines, and utilities; and in campgrounds and other recreational areas during the late spring and summer. Do not apply this product to sites where plants are grown for food or feed. Do not graze animals in treatment areas until all bait has been removed. Application of toxic bait should be delayed until bait acceptance tests indicate satisfactory acceptance of non-toxic oat grouts by rats with little or no consumption of oat grouts by nontarget species. Do not retreat the same area with this product again for at least 3 months.

**Broadcast Baiting:** Apply bait by ground-based mechanical spreader or aircraft at a rate of 5 to 10 lbs. of bait per treated swath acre through the infested area.

**Spot and Burrow Baiting (Outdoor Field Use):** Using a bait spoon, evenly scatter approximately 1 teaspoon of bait around each active rat burrow opening or place 1 teaspoon of bait into burrow as far as possible. Do not place bait in piles. Do not over bait.

#### **CALIFORNIA AND BELDING'S GROUND SQUIRRELS**

**USE RESTRICTIONS:** This product may be used to control California ground squirrels and Belding's ground squirrels in grape vineyards, orchards and groves, plantings of non-bearing fruit trees, horticulture nurseries, and uncultivated agricultural areas; on rangelands; on noncrop borders and rights-of-way adjacent to canal banks, ditch banks, highways, levees, railroad lines, and utilities; and in campgrounds and other recreational areas. Except where specifically permitted by this label (rangeland, grape vineyards and orchards, and groves), do not apply this product to sites where plants are grown for food or feed. Do not use in areas inhabited by livestock. Do not graze animals in treated areas until all bait has been removed. Delay application of toxic bait until bait acceptance tests and prebaiting indicate satisfactory acceptance of non-toxic oat grouts. The optimal time for baiting should be in mid to late spring after green vegetation has cured and all age and sex classes of the ground squirrel population are active above ground. Early spring baiting and fall baiting also may be of some value.

**PREBAITING:** Before applying toxic bait, apply untreated crimped oats using the same rate and application method that is to be used for the toxic bait. After prebait has been accepted by ground squirrels, it is time to apply toxic bait.

#### **RANGELANDS:**

**Broadcast Baiting:** Apply bait by ground-based mechanical spreader at a rate of 6 lbs of bait per treated swath acre. Apply only to rangeland with less than 50% ground cover. Do not treat the same acreage more than once per year. Do not apply this product by air to rangeland to control ground squirrels.

**Spot Baiting:** Using a bait spoon, evenly scatter approximately 1 tablespoon of bait around each active ground squirrel burrow. Apply only to rangeland with less than 50% ground cover. Do not apply where plants are grown for food or feed. Do not treat the same acreage more than once per year.

#### **ORCHARDS/GROVES:**

**Broadcast Baiting:** Apply bait by ground-based mechanical spreader or aircraft at a rate of 6 to 10 lbs. of bait per treated swath acre. Apply after harvest up until the time of hibernation.

**Spot Baiting:** Using a bait spoon, evenly scatter approximately 1 tablespoon of bait around each active squirrel burrow. In areas where plants are used for food or feed, be careful to apply bait so it does not directly contact crop (e.g., to bare ground) or apply only during the dormant season.

#### **GRAPE VINEYARDS:**

**Broadcast Baiting:** Apply bait by ground-based mechanical spreader at a rate of 6 - 10 lbs bait per treated swath acre. Do not apply by air. Do not apply over growing crop when bait may lodge in plant. Do not broadcast over growing crops.

**Spot Baiting:** Using a bait spoon, evenly scatter approximately 1 tablespoon of bait around each active squirrel burrow. In areas where plants are used for food or feed, be careful to apply bait so it does not directly contact crop (e.g., to bare ground) or apply only during the crop's dormant season (prior to squirrel hibernation).

#### **UNCULTIVATED AGRICULTURAL AREAS, NONCROP BORDERS, RIGHTS-OF-WAY, RECREATIONAL AREAS, PLANTINGS OF NONBEARING FRUIT TREES, AND HORTICULTURE NURSERIES:**

**Broadcast Baiting:** Apply bait by ground-based mechanical spreader or aircraft at a rate of 6 to 10 lbs. bait per treated swath acre through the infested area. Do not apply where plants are grown for food or feed.

**Spot Baiting:** Using a bait spoon, evenly scatter approximately 1 tablespoon of bait around each active squirrel burrow. Do not apply where plants are grown for food or feed.

#### **VOLES**

**USE RESTRICTIONS:** This product may be used to control California voles and montane voles in sugar beets, alfalfa, grape vineyards, orchards and groves, plantings of non-bearing fruit trees, horticultural nurseries, and uncultivated agricultural areas; on rangelands; on noncrop borders and rights-of-way adjacent to canal banks, ditch banks, highways, levees, railroad lines, and utilities; and in recreational areas. Except where specifically permitted by this label (sugar beets, alfalfa, rangelands, grape vineyards, orchards, and groves), do not apply this product to sites where plants are grown for food or feed. Do not use in areas

inhabited by livestock. Do not graze animals in treated areas until all bait has been removed. Delay use of toxic bait until satisfactory bait acceptance tests or prebaiting results have been obtained. Do not retreat the same area with this product for at least 3 months (or longer as stipulated below).

#### **ALFALFA:**

**Broadcast Baiting:** Apply by ground-based mechanical spreader or aircraft throughout the infested area at a rate 6 to 10 lbs. of product per treated swath acre. Within this range, adjust the rate of treatment according to the density of the vole population. Do not exceed two applications per year. Do not apply to the same treated area again within 30 days after the first application. All applications must be timed so that they follow removal of cut alfalfa, but are made before there are more than two inches of new growth. Do not apply to alfalfa with more than two inches of new growth. Do not irrigate treated area area within 48 hours after the time of application. Do not cut or remove treated alfalfa, or graze animals on a treated area until 25 days (Pre-Harvest Interval) after treatment. Do not treat fields in which granivorous birds are feeding. If waterfowl become active in the treatment area within 24 hours of application, measures should be taken to haze them from the area.

#### **SUGAR BEETS:**

**Broadcast Baiting:** Apply bait by ground-based mechanical spreader or aircraft through the infested area at a rate of 5 lbs. of bait per treated swath acre. Aerial applications may only be made to OVER-WINTERED SUGAR BEETS. Do not use sugar beet tops from treated areas for animal feed. Do not exceed two applications of bait per year. Do not apply to the same treated area again within 30 days after the first treatment. Do not harvest sugar beets until 30 days (Pre-Harvest Interval) after treatment

#### **ORCHARDS, GROVES AND VINEYARDS:**

**Broadcast Baiting:** Apply bait by ground-based mechanical spreader or aircraft through the infested area at rates of 6 to 10 lbs. of bait per treated swath acre. Adjust treatment rate within this range according to the density of the vole infestation. Apply after harvest or anytime during the dormant season, but before tree or vine growth begins in the spring.

#### **RANGELAND APPLICATIONS:**

**Broadcast Baiting:** Apply bait by ground-based mechanical spreader or aircraft at a rate of 6 lbs. of bait per treated swath acre. Apply only to rangeland with less than 50% ground cover. Do not treat the same acreage more than once per year.

#### **UNCULTIVATED AGRICULTURAL AREAS, NONCROP BORDERS, RIGHTS-OF-WAY, RECREATIONAL AREAS, PLANTINGS OF NONBEARING FRUIT TREES, AND HORTICULTURE NURSERIES:**

**Broadcast Baiting:** Apply bait by ground-based mechanical spreader or aircraft at a rate of 5 to 10 lbs. of bait per treated swath acre. Adjust treatment rate within this range according to the density of the vole infestation.

Rev 12/2009

**PRECAUTIONARY  
STATEMENTS  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS  
DANGER**

Fatal if swallowed, inhaled or absorbed through the skin. Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Do not breathe 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 using.

**Personal Protective Equipment (PPE):**

All mixers/loaders must wear:

- long sleeve shirt and long pants;
- shoes plus socks;
- chemical-resistant gloves;
- 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.

Anyone who applies bait by ground broadcast equipment must wear:  
-dust mask.

All applicators and any person who retrieves carcasses and unused bait must wear:  
-gloves.

**USER SAFETY REQUIREMENTS:**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are provided for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet.

**USER SAFETY  
RECOMMENDATIONS:**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

**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.

**ZINC PHOSPHIDE CONCENTRATE**

*For vole control in California only*

*For use in orchards, groves, nurseries, vineyards, ornamental plantings, non-bearing fruit trees and artichokes for the listed vole species in the state of California.*

**ACTIVE INGREDIENT:**

Zinc Phosphide: ..... 63.2%

**OTHER INGREDIENTS:** ..... 36.8%

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

**KEEP OUT OF REACH OF CHILDREN  
DANGER-PELIGRO  
POISON**



**FIRST AID**

Have label with you when obtaining treatment advice. Any person who applies zinc phosphide products and experiences 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, doctor, or 1-800-858-7378 or transport the person to the nearest hospital. -DO NOT DRINK WATER -Do not administer anything by mouth or make the person vomit unless advised to do so by a 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 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 for further treatment advice.
If in eyes	-Hold eye open and rinse slowly and gently with water for 15-20 minutes, remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. -Call a poison control center, doctor or 1-800-858-7378 for treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. See additional PRECAUTIONARY STATEMENTS on Left Panel.

**ENVIRONMENTAL  
HAZARDS**

This product is toxic to wildlife and fish. Birds and other wildlife feeding on toxic bait may be killed. Use with care when applying in areas frequented by wildlife or adjacent to any body of water. Do not apply where runoff is likely to occur. Do not apply this product directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply this product in areas inhabited by livestock, or where a hazard exists to rare or endangered species. Dogs and other predatory and scavenging mammals might be poisoned if they feed upon animals that have eaten this bait.

**ENDANGERED SPECIES  
CONSIDERATIONS**

NOTICE: This product may have effects on Federally listed threatened or endangered species or their critical habitat in some counties. It is a violation of Federal law to kill, harm, or harass listed animal species without authorization. The killing of a member of an endangered species may result in a fine and/or imprisonment under the Endangered Species Act. To limit the potential for such impacts when using this product, consult and follow the instructions provided on this label and in the EPA Endangered Species Bulletin for the County or Parish in which you are applying this product. To determine whether your County or Parish has a Bulletin, consult [www.epa.gov/espp](http://www.epa.gov/espp) before each season's use of this product.

**UNITED STATES DEPARTMENT OF  
AGRICULTURE**

Animal and Plant Health Inspection  
Service  
Riverdale, MD 20737-1237

EPA Reg. No. 56228-6  
EPA Est. No. 56228-ID-1

Net Contents: \_\_\_\_\_

EPA Reg. No. 56228-6  
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## DIRECTIONS FOR USE

**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 which pertain to the bait application to be made.

### **GENERAL USE RESTRICTIONS (For All Uses):**

Do not apply this product by any method or use not specified on this label. Do not apply bait on roads, over water, or, except where specifically indicated in these directions, where plants are grown for food or feed.

Wear all required personal protective equipment (PPE) when mixing, handling, and applying bait. See **PRECAUTIONARY STATEMENTS**.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only persons associated with the applications may be present in the area when the bait is being applied and such persons must wear required PPE. Keep all other persons out of the treated area during application.

### **MIXING DIRECTIONS**

**GENERAL REQUIREMENTS:** Wear required PPE when mixing/holding bait, applying bait and retrieving unused bait and carcasses. Due to compaction of the concentrate, shake cans before opening them. Bait materials resembling human foods must be altered in form by cubing, crushing, balling or pelletizing so that they are not readily recognizable as human food. Prepare bait so that it is of a type, size and form that is likely to be accepted well by target species and not especially attractive to nontarget species.

## DIRECTIONS FOR USE, (continued)

**GRAIN BAITS (wheat, oats, barley, rye, milo or millet):** Mix 1.1 pounds of heated lecithin into 2.3 pounds of heated mineral oil. Slowly blend 3.25 pounds of ZINC PHOSPHIDE CONCENTRATE into this mixture until it is evenly blended. Pour new mixture over 93.4 pounds of whole, rolled, or hulled grain and mix thoroughly.

### **SUNFLOWER SEED BAITS:**

Mix 1.1 pounds of heated lecithin into 2.3 pounds of heated mineral oil. Slowly blend in 3.25 pounds of ZINC PHOSPHIDE CONCENTRATE into this mixture until it is evenly blended. Pour new mixture over 93.4 pounds of sunflower seeds and mix thoroughly.

### **FRUIT OR VEGETABLE BAITS (carrots, sweet potatoes, alfalfa, beet tops, cabbage, potatoes, apples, pears, or artichokes):**

Artichoke bracts should be used whole. Cut root vegetables and fruits into 1/2-inch cubes, except when bait is to be used for muskrats, nutria, jackrabbits or marmots. For muskrat, nutria, or jackrabbit control, cut carrots or sweet potatoes into 2-inch lengths. For marmots, cut carrot baits into 1- to 2-inch lengths or use baby carrots of the same length. Cut leafy vegetables into 3- to 6-inch lengths. Drain fluids or juices from bait materials. Place 10 pounds of cut-up bait material in a 5-gallon container.

To prepare prebait: Mix bait material with vegetable oil at a rate of 1 ounce of oil per 10 pounds of bait material. Tumble or stir mixture until oil is evenly mixed with bait.

To prepare toxic bait: Mix bait with vegetable oil at a rate of 1 ounce of oil per 10 pounds of bait material. Add 7 1/2 level tablespoons (1.4 ounces) of **ZINC PHOSPHIDE CONCENTRATE** to mixture and blend thoroughly by manual stirring or by use of a mechanical tumbling type mixer. Continue mixing until bait, oil, and concentrate are evenly mixed.

## DIRECTIONS FOR USE, (continued)

### ORCHARDS, GROVES, NURSERIES, VINEYARDS, ORNAMENTAL PLANTINGS AND NONBEARING FRUIT TREES (to control Voles)

**USE RESTRICTIONS:** Baits made from this product may be used to control meadow voles (*Microtus pennsylvanicus*), prairie voles (*M. ochrogaster*), California voles (*M. californicus*), mountain voles (*M. montanus*), and pine voles (*M. pinetorum*) in orchards, groves, horticultural nurseries, vineyards, ornamental plantings, and plantings of nonbearing fruit trees. Do not apply bait to bare ground.

Use baits made from wheat, oats, barley, rye, millet, sunflower seeds, or fruit. Prepare baits as indicated under **MIXING DIRECTIONS**.

Special Use Restrictions for Orchards and Groves: Baits may be applied only after harvest or during the dormant season. Do not apply bait after tree growth begins in the spring of the year. Do not broadcast bait over non-orchard crops. Do not graze animals on treated areas.

Special Use Restriction for Vineyards: Baits may be applied only during the non-bearing season. Do not apply bait over the growing crop. Do not apply bait by air. Do not graze animals on treated areas. Ground broadcast applications must not exceed 10 pounds of 2% zinc phosphide bait (0.20 pounds of active ingredient) per acre.

## DIRECTIONS FOR USE, (continued)

### APPLICATION DIRECTIONS:

#### Hand Baiting:

**Fruit Baits:** Place 1 or 2 cubes of bait at intervals of 2 feet or more in active trails under the cover of grass or artificial cover (e.g., boards or mats) near the bases of each infested tree.

**Grain or Sunflower Seed Baits:** Near the base of each infested tree, place one teaspoon (4 grams) of 2% zinc phosphide bait at 2 to 4 locations, either on surface or at the mouths of holes leading directly to underground burrow systems. Cover bait artificially (e.g., by using mats or boards) or by pulling overhanging grass back into place.

**Trail-Builder Baiting (grain or sunflower seed baits only):** Follow manufacturer's instructions for the type of equipment used. Set equipment to drop one teaspoon (4 grams) at 4- to 5-foot intervals in the artificial trail made by the machine just inside the dripline of both sides of the trees. Apply 2 to 3 pounds of 2% zinc phosphide bait per acre.

**Ground Broadcast Baiting (grain or sunflower seed baits only):** Under infested trees, broadcast bait evenly by cyclone seeder or by gloved hand. Concentrate baiting in areas with the greatest amount of vegetative cover. Apply 6 to 10 pounds of 2% zinc phosphide bait (0.12 to 0.2 pounds of active ingredient) per acre.

**Aerial Application (grain baits only):** Do not aerially apply bait to grape vineyards or to any actively growing crops. Broadcast 6 to 10 pounds of 2% zinc phosphide bait (0.12 to 0.2 pounds of active ingredient) per acre at other sites listed in this subsection of the **DIRECTIONS FOR USE**. Apply bait immediately after harvest and before leaf fall, when the grass is not yet matted.

## DIRECTIONS FOR USE, (continued)

### ARTICHOKES (California only) (to control California Voles)

**USE RESTRICTIONS:** Baits made from this product may be used to control California voles (*Microtus californicus*) in artichokes. Do not broadcast on growing crop. The bait application rate must not exceed 40 pounds of treated 0.54% zinc phosphide bait (0.2 pounds of active ingredient) per acre. Do not exceed one application to the same field in one 12-month period. Use baits made from artichoke bracts. Prepare baits as indicated under **MIXING DIRECTIONS** below.

**PREBAITING:** Prebaiting in artichokes is not required.

**MIXING DIRECTIONS (Artichokes only):** Artichoke bracts should be used whole. To prepare toxic bait, mix bait with vegetable oil at a rate of 1 ounce of oil per 10 pounds of artichoke bracts. Add 7 1/2 level tablespoons (1.4 ounces) of **ZINC PHOSPHIDE CONCENTRATE** to mixture and blend thoroughly by manual stirring or by use of a mechanical tumbling type mixer. Continue mixing until bait, oil, and concentrate are evenly mixed.

#### APPLICATION DIRECTIONS:

Hand Baiting: Scatter about 0.5 ounce (2-3 bracts) of bait per every other artichoke plant on bare ground in vole-infested areas. Apply bait near vole burrow openings or runways. Do not overbait. Be careful to apply bait so that it does not directly contact any parts of the artichoke plant.

## STORAGE AND DISPOSAL

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

**STORAGE:** Store only in original container, in a dry place inaccessible to children, pets, and domestic animals.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or rinsate is a violation of Federal law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

## Endangered Species Attachment

The endangered species considerations listed in this attachment must be regarded as part of the label for Zinc Phosphide Concentrate for Rodent and Lagomorph Control.

**Do not use this product outdoors within 100 yards of the occupied habitats of the following endangered animals:**

Amargosa vole (*Microtus californicus scirpensis*) in Inyo County, California;

Fresno kangaroo rat (*Dipodomys nitratooides exilis*) in Fresno and Merced counties, California;

Giant kangaroo rat (*D. ingens*) in Merced, Fresno, Kings, Tulare, Kern, San Luis Obispo, and Santa Barbara counties, California;

Morro Bay kangaroo rat (*D. heermanni morroensis*) in San Luis Obispos County, California;

Stephen's kangaroo rat (*D. stephensi*) in Riverside, San Diego, and San Bernardino Counties, California;

Tipton kangaroo rat (*D. nitratooides nitratooides*) in Kings Tulare, Kern, and Fresno counties, California;

Salt marsh harvest mouse (*Reithrodontomys raviventris*) in Marin, Sonoma, Napa, Solano, Contra Costa, Alameda, San Mateo, and San Francisco counties, California;

Point Arena mountain beaver (*Aplodontia rufa nigra*) in Mendocino County, California;

**Do not use this product outdoors within the occupied habitats of the following organisms unless the bait is used in tamper-resistant bait stations capable of excluding the endangered animal in question:**

San Joaquin kit fox (*Vulpes macrotis mutica*) in Alameda, Contra Costa, Fresno, Kern, Kings, Merced, Monterey, San Benito, San Joaquin, San Luis Obispo, Santa Barbara, Santa Clara, Stanislaus, or Tulare counties, California;

San Clemente sage sparrow (*Amphispiza belli clementeae*) on San Clemente Island, California.

Do not use this product in habitats occupied or occasionally visited by whooping cranes (*Grus americana*) during the period from 30 days before the expected arrival of cranes to 30 days after the time of their usual departure, unless the bait is applied in tamper-resistant bait stations that appear to be capable of excluding cranes.

Do not use this product within 7 kilometers (4.34 miles) of any prairie dog town to limit risks to the black-footed ferret (*Mustela nigripes*) 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 or Gunnison prairie dog town less than 200 acres in size, or unless the town has been appropriately surveyed, using methods acceptable to the U.S. Fish and Wildlife Service, and found by the FWS not to be a suitable site for ferret reintroductions.