

Laws and Regulations: Rodenticides + Restricted Materials

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Deputy Ag Commissioner



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A Commitment to Service

Restricted Use Pesticides?



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- Federal Restricted Use Pesticides (RUPs) are pesticides that the EPA designates as too hazardous for general public use, because of risks such as severe toxicity, environmental damage, or potential misuse. They may be purchased and applied only by certified pesticide applicators or by individuals under their direct supervision.

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 Applicator's certification.

 **Dow AgroSciences**

Classified for
"RESTRICTED USE"
in New York State
under 6NYCRR Part 326

Lorsban[®]
Advanced

ACCEPTED
FOR REGISTRATION
June 19, 2012
New York State Department
of Environmental Conservation
Division of Materials Management
Pesticide Product Registration
Doc id: 531876

Insecticide

For control of listed insects infesting certain field, fruit, nut, and vegetable crops.

Active ingredient:
chlorpyrifos: O,O-diethyl-O-
(3,5,6-trichloro-2-pyridinyl)
phosphorothioate 40.2%
Other ingredients 59.8%
Total 100.0%

Contains 3.755 lb of chlorpyrifos per gallon.
Contains petroleum distillates.

**Keep Out Of Reach Of Children
WARNING AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

Agricultural Use Requirements
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

For additional Precautionary Statements, First Aid, Storage and Disposal and other use information see inside this label.
Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.
In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.
Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.
Do not freeze
EPA Reg. No. 62719-591
EPA Est. 464-MI-1
900-018347 / 00309547

[®]Trademark of Dow AgroSciences LLC
Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

Net Contents 2.5 gal

What products are considered Restricted Materials?

A FEDERAL RESTRICTED USE PESTICIDES

(Included by reference as California Restricted Materials)

Pesticides display the RESTRICTED USE PESTICIDE (RUP) statement on the pesticide container similar to the statement shown here. RUPs require an RUP statement enclosed in a box, at the top of the front panel of the label.



RESTRICTED USE PESTICIDE

DUE TO (reason for restricted use classification)

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.

Some product labels require a Certified Applicator be "physically present" at the use site.

B

CALIFORNIA RESTRICTED MATERIALS

This section is written in a quick reference format; refer to Title 3, California Code of Regulations (3 CCR) section 6400 for complete text.

Acrolein, labeled for use as an aquatic herbicide

Aldicarb – unregistered

All dust (except products containing only exempt pesticides)**

Aluminum phosphide

Any pesticide containing active ingredients listed under section 6800(a), labeled for agricultural, outdoor institutional, or outdoor industrial use¹

Any pesticide pursuant to Section 18 of FIFRA (Emergency exemption)

4-Amino pyridine

Azinphos-methyl – unregistered

Brodifacoum

Bromadiolone

Calcium cyanide – unregistered

Carbaryl[†]

Carbofuran – unregistered

Chloropicrin

3-Chloro-p-toluidine hydrochloride

Chlorpyrifos, labeled for the production of an agricultural commodity

Dazomet, labeled for the production of agricultural plant commodities

Dicamba*

2,4-dichlorophenoxyacetic acid (2,4-D)*

2,4-dichlorophenoxybutyric acid (2,4-DB)*

2,4-dichlorophenoxypropionic acid (2,4-DP)*

1,3-Dichloropropene (1,3-D)

Difenacoum

Difethialone

Disulfoton** – unregistered

Endosulfan**

Ethoprop, labeled for turf

Fenamiphos – unregistered

Lindane** – unregistered

Magnesium phosphide

Metam sodium, labeled for the production of agricultural plant commodities

Methamidophos – unregistered

Methidathion

Methomyl^{††}

Methyl bromide

2-methyl-4-chlorophenoxyacetic acid (MCPA)*

Methyl iodide – unregistered

Methyl isothiocyanate (MITC),

labeled for the production of agricultural plant commodities

Mevinphos – unregistered

Molinate – unregistered

Oxydemeton-methyl

Paraquat

Parathion-methyl – unregistered

Phorate

Phosphine gas

Potassium n-methyldithiocarbamate (metam-potassium), labeled for the production of agricultural plant commodities

Propanil (3,4-dichloropropionanilide)

Sodium cyanide

Sodium fluoroacetate (compound 1080) – unregistered

Sodium tetrathiocarbonate – unregistered

Strychnine**

Sulfotepp – unregistered

Sulfuryl fluoride

Thiobencarb

Tribufos

Tributyltin, organotin, or a tri-organotin compound formulated as an antifouling paint, coating, or compound and labeled for the control of fouling organisms in an aquatic environment

Zinc phosphide**



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Restricted Material Permit



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6412. Restricted Material Permit Requirements.

Restricted materials shall be possessed or used only under permit of the commissioner or under their direct supervision

- An application process must be assessed prior to the issuing of a Restricted Material Permit

SANTA BARBARA COUNTY
AGRICULTURAL COMMISSIONER'S OFFICE
APPLICATION FOR RESTRICTED MATERIALS PERMIT

Business Name: _____ Applicant's Name: _____
Mailing Address: _____ Street Address: _____
City _____ CA Zip _____ City _____ CA Zip _____
Home Phone: _____ Bus. Phone: _____ Mobile Phone: _____
Fax: _____ Private Applicator's Name: _____ PAC# _____
List other contact names: _____ Do ranch employees handle pesticides? YES NO (circle one)
1. Owner: _____ Phone: _____
2. _____ Phone: _____
3. _____ Phone: _____

SITE (RANCH) NO.	RANCH DESCRIPTION ADDRESS LOCATION	# ACRES	SECTION	TOWNSHIP	RANGE

Please attach a map showing each treatment site (ranch), identifying all known areas within 0.5 mile of each treatment site which could be adversely impacted by the use of pesticides. Include an authorized representative form if you are not the operator of the property.

Signature _____ Title _____ Date _____

THIS AREA IS FOR OFFICE USE ONLY

☐ Your permit application has been denied for the reasons stated below. You have the right to appeal the Commissioner's decision to deny your request. Additional information regarding your rights and the appeal process are described on the back of this page.

Reason for denial: _____

Reviewer's signature _____ Title _____ Date _____

Restricted Material Permit



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- Restricted materials listed in section 6400 shall only be used by or under the direct supervision of a certified private or commercial applicator operating within the scope of the individual's certification.
- The certified private or commercial applicator is responsible for supervising a non-certified applicator using a restricted material specified in section 6400



Restricted Material Permit

6434. Notice of Intent.

A notice of intent is required for all agricultural use restricted material applications. A notice of intent shall be submitted to the Commissioner electronically via www.CalAgPermits.org by the operator of the property to be treated, by such operator's authorized representative, or by the pest control business who is to apply the pesticide

- For soil fumigants requiring a permit, at least 48 hours prior to the date and time the application is intended commence;
- For all other pesticides requiring a permit, at least 24 hours prior to the date and



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Notice of Intent						Report Status:		Time Stamp:	
Submittal Status:									
<div>Submit NOI Save Draft Cancel</div>									
Operator ID/Permit #						Applicator License/Name			
Date/Time of Proposed Application						Supervised By			
Site Identification Number						Block-ID		Nursery	
Commodity to be Treated						Document #		Auto Assigned	
Proposed Treated Area - Units				A - ACRES		Days Reentry			
Application Method/Fume Code				choose one...		Days Pre-Harvest			
Environmental Changes/Comments									
Permittee/Property Operator						Operator ID/Permit Number		Document #	
County		Section	Township	Range	Meridian	App Method/Fume Code		Applicator	
28 Napa									
Site Identification Number			Site District (If Applicable)			Planted Area - Units			
Location			Block ID (If Applicable)			Pre-Plant application		Nursery	
Date/Time of Proposed Application			Proposed Treated Area - Units			Commodity to be Treated			
Days Re-entry		Days Pre-harvest		Applied/Supervised By			Reviewed By - Date/Time		
Approved/Denied		Environmental Changes/Comments							
Mitigated		Mitigation Notes							
Line #		Proposed Pesticide Product		Rate of Application		Quantity Treated - Units		Total Product Used - Units	
		Pick from ONE list below		Amount of Product - Units		per		choose one...	
		Products		choose one...					
		Type a code or name							
		OR Permit Pesticides		Dilution - Units				Target Pest	
		Type a code or name		choose one...				choose one...	

Zinc Phosphide



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RESTRICTED USE PESTICIDE

Due to Hazards to Non-target 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.

ZP® RODENT BAIT AG

For use in rangeland, pastures, non-crop rights-of-way, alfalfa, timothy, barley, potatoes, wheat, sugar beets, sugarcane, grape vineyards, fruit and nut tree orchards, macadamia nut orchards, in and around buildings, and other sites to control the species listed in the use directions.

ACTIVE INGREDIENT:	
Zinc Phosphide (CAS# 1314-84-7)	2.0%
OTHER INGREDIENTS:	98.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

HAVE LABEL WITH YOU WHEN SEEKING TREATMENT ADVICE (1-877-854-2494)

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

IF SWALLOWED:

- Call a Poison Control Center, doctor, or 1-877-854-2494 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 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 1-877-854-2494 immediately for 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 5th minute, then continue rinsing eye.
- Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice.

TREATMENT FOR PET POISONING

If animal eats bait, call veterinarian at once.

NOTE TO PHYSICIAN OR VETERINARIAN

Contains the phosphine—producing active, Zinc Phosphide. Probable mucosal damage may contraindicate the use of gastric lavage. For animals ingesting bait and/or showing poisoning signs, induce vomiting by using hydrogen peroxide. 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.

STORAGE AND DISPOSAL

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

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

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by 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 HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Dispose of bags in an approved waste disposal facility or by incineration.

WARRANTY: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. To the extent consistent with applicable law, buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

NON-RESIDENTIAL LAWNS, ORNAMENTALS, GOLF COURSES, AND PARKS

(continued from other panel)

or by pulling overhanging grass over bait. Allow bait to fall through to the ground surface but do not apply bait to bare ground. Do not place bait in heaps or piles.

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

POCKET GOPHER

USE RESTRICTIONS: For control of plains pocket gophers (*Geomys bursarius*), southeastern pocket gophers (*G. pinetis*), yellow-faced pocket gophers (*Thomomys castaneipes*) and pocket gophers (*Thomomys* spp.) in non-residential lawns, ornamentals, golf courses, and parks. Bait must be applied directly into pocket gopher's underground burrow systems or into underground tunnels created by burrow-builder machines. Do not apply bait above ground.

HAND BAITING: Follow the directions indicated below to locate and treat pocket gophers' burrow systems.

Locating Underground Burrows: Use a specially designed gopher probe, a metal rod, a strong smooth stick, or other suitable implement to probe the ground 10 to 15 inches away from fan-shaped gopher mounds. Begin probing on the flat side of the fan. When the main runway has been entered, the probe will drop about 2 inches due to decreased resistance from soil.

Applying Bait to Burrows: Using a long-handled spoon or mechanical probe, drop one teaspoon (4 grams) of bait into the main runway at each baited point. Cover the opening with soil, a rock, or soil to exclude light. Take care not to cover bait with soil. Depending upon mound density, make two to five bait placements per burrow system. Recover and bury all spilled bait. Applied in this manner, one pound of bait will treat one to eight acres, depending upon the number of pocket gopher burrow systems present.

BURROW BUILDER: Follow manufacturer's instructions for the type of equipment used. Calibrate equipment to drop a teaspoon quantity (4 grams) of bait at 4–5 foot intervals in the artificial burrow made by the machine. Apply at a rate of 2–3 lbs. of bait per acre (0.04–0.06 lb. ai/A). Pick up and dispose of all spilled bait according to "Pesticide Disposal" instructions.

ALFALFA

VOLES

USE RESTRICTIONS: For control of meadow voles, long-tailed voles, California voles (except the endangered subspecies, *Amargosa* vole. See section "ENDANGERED SPECIES CONSIDERATION"), Oregon voles, mountain voles and Townsend's voles (*Microtus* spp.) 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, and Washington.

BROADCAST BAITING: This product may be broadcast by air or ground-driven dispensing devices. Apply at a rate of up to 10 lbs. per acre (0.2 lb. ai/A). For voles, make two applications per year separated by a minimum interval of 25 days. A maximum of 20 lbs. per acre (0.4 lb. ai/A) may be applied per year. Do not apply by air when wind velocity exceeds 10 mph. Do not apply in piles or permit piles to be formed by equipment.

POCKET GOPHERS

USE RESTRICTIONS: For control of plains pocket gophers (*Geomys bursarius*), southeastern pocket gophers (*G. pinetis*), yellow-faced gophers (*Thomomys castaneipes*) and pocket gophers (*Thomomys* spp.) in alfalfa. Bait must be applied directly into gopher's underground burrow system. Do not apply bait above ground or directly to crops grown for food or feed.

HAND BAITING: Place one teaspoon (4 grams) of bait at 2–4 locations using a mechanical probe or similar device into the underground runway. After bait is dropped into the probe hole, cover the hole. Pick up and bury all spilled bait.

Locating Underground Burrows: Use a specially designed gopher probe, a metal rod, a strong smooth stick, or other suitable implement to probe the ground 10 to 15 inches away from fan-shaped gopher mounds. Begin probing on the flat side of the fan. When the main runway has been entered, the probe will drop about 2 inches due to decreased resistance from soil.

Applying Bait to Burrows: Using a long-handled spoon or mechanical probe, drop one teaspoon (4 grams) of bait into the main runway at each baited point. Cover the opening with soil, a rock, or soil to exclude light. Take care not to cover bait with soil. Depending upon mound density, make two to five bait placements per burrow system. Recover and bury all spilled pellets. Applied in this manner, one pound of bait will treat one to eight acres, depending upon the number of gopher burrow systems present.

BURROW BUILDER: Follow manufacturer's instructions for the type of equipment used. Calibrate equipment to drop a teaspoon quantity (4 grams) of bait at 4–5 foot intervals in the artificial burrow made by the machine. Apply at a rate of 2–3 pounds per acre (0.04–0.06 lb. ai/A). Pick up and dispose of all spilled bait according to "Pesticide Disposal" instructions.

GRAPE VINEYARDS

USE RESTRICTIONS: For control of deer mice (*Peromyscus maniculatus*), white-footed mice (*P. leucopus*), oldfield mice (*P. polionotus*, except for threatened or endangered subspecies), meadow voles, prairie voles and pine voles (*Microtus* spp.), and meadow jumping mice (*Zapus hudsonius*) in grape vineyards. Do not use this product in areas of Alabama and Florida that are occupied by threatened or endangered subspecies of the oldfield mouse. Do not graze animals in treated areas.

BROADCAST BAITING: Broadcast bait evenly on the ground between the rows by cyclone seeder or by hand. Wear rubber gloves during hand-broadcast operations. Apply bait at a rate of 6–10 lbs. per acre (0.12–0.2 lb. ai/A). Do not apply by air.

RANGELAND, PASTURES, and ADJACENT NONCROP AREAS

KANGAROO RATS

USE RESTRICTIONS: This product may only be used to control Ord's kangaroo rat (*Dipodomys ordii*), Banner-tailed kangaroo rat (*D. spectabilis*) and Merriam's kangaroo rat (*D. merriami*) in rangeland, pastures and adjacent noncrop areas.

BAITING: Place one tablespoon (12 grams) of bait at 2 locations on opposite sides of mounds in feeding runs within 3 ft of active burrow entrances.

GROUND SQUIRRELS

USE RESTRICTIONS: For control of California ground squirrels (*Spermophilus beecheyi*) and Richardson's ground squirrels (*S. richardii*) in rangeland, pastures and adjacent noncrop areas. Product must not be applied on roads, near residential areas, over water or where plants are grown for food or feed.

PREBAITING (Mandatory): Prebait with a 50/50 mixture of ground corn and wheat to enhance bait acceptance by California and Richardson's ground squirrels. Apply the prebait mixture at 6 lbs. per acre 2–3 days prior to using ZP Rodent Bait Ag.

BAITING: Do not apply more than once per year to the same treatment area. Broadcast bait in a 10–15 foot swath using hand or ground-driven dispensing devices not to exceed 6 lbs. per acre (0.12 lb. ai/A). Dispose of excess bait from application equipment by burial.

NONCROP RIGHTS-OF-WAY

USE RESTRICTIONS: For control of California ground squirrels (*Spermophilus beecheyi*) on noncrop rights-of-way adjacent to canal and ditch banks and other noncrop borders during late spring and summer. ZP Rodent Bait Ag must not be applied on roads, near residential areas, over water or where plants are grown for food or feed.

PREBAITING: Prebait with a 50/50 mixture of ground corn and wheat to enhance acceptance by California ground squirrels. Apply the prebait mixture at 6 lbs. per acre 1–2 days prior to using ZP Rodent Bait Ag.

BAITING: Treat only once during treatment period. Broadcast bait in a 10–15 foot swath along right-of-way, using hand or ground-driven dispensing devices not to exceed 6 lbs. per acre. Bait will be applied only to the canal right-of-way between the base of the levee and adjacent properties. The canal and levee will not be treated. Dispose of excess bait from application equipment by burial.



Aluminum Phosphide



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APPLICATOR'S MANUAL FOR



PHOSTOXIN® TABLETS AND PELLETS

THIS PRODUCT MUST BE ACCOMPANIED BY AN APPROVED LABEL AND APPLICATOR'S MANUAL. READ AND UNDERSTAND THE ENTIRE LABELING AND APPLICATOR'S MANUAL. ALL PARTS OF THE LABELING AND APPLICATOR'S MANUAL ARE EQUALLY IMPORTANT FOR SAFE AND EFFECTIVE USE OF THESE PRODUCTS. CONSULT WITH YOUR STATE LEAD PESTICIDE REGULATORY AGENCY TO DETERMINE REGULATORY STATUS, REQUIREMENTS AND RESTRICTIONS FOR FUMIGATION USE IN THAT STATE. CALL (540) 234-9281 or 1-800-330-2525 IF YOU HAVE ANY QUESTIONS OR DO NOT UNDERSTAND ANY PART OF THIS LABELING.

RESTRICTED USE PESTICIDE DUE TO HIGH ACUTE INHALATION TOXICITY OF PHOSPHINE GAS

For retail sale to Dealers and Certified Applicators only.
For use by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification. Refer to the directions in this Applicator's Manual for requirements of the physical presence of a Certified Applicator.

FOR USE AGAINST INSECTS WHICH INFEST STORED
COMMODITIES AND CONTROL OF BURROWING PESTS
Active Ingredient: Aluminum Phosphide 55.0%
Inert Ingredients: 45.0%
Total 100.0%



PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta se le haya sido explicado ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

D & D HOLDINGS, INC.
P. O. Box 116
153 Triangle Drive
Weyers Cave, VA 24486 USA
Telephone: (540)234-9281/1-800-330-2525
Fax: (540)234-8225
Internet: www.degeschamerica.com
E-mail: degesch@degeschamerica.com
EPA Establishment No.: 40285-VA-01
EPA Establishment No.: 33982-WG-1
EPA Reg. No.: 72959-4 PHOSTOXIN® Tablets
72959-5 PHOSTOXIN® Pellets

Form 17828 R8/06) (P8/06)

9. PROTECTIVE CLOTHING.

GLOVES:

Wear dry gloves of cotton or other material if contact with tablets, pellets, or dust is likely.

Gloves should remain dry during use.

Wash hands thoroughly after handling aluminum phosphide products.

Aerate used gloves and other clothing that may be contaminated in a well-ventilated area prior to laundering.

10. RESPIRATORY PROTECTION

10.1 When Respiratory Protection Must Be Worn

Respiratory protection approved by the National Institute for Occupational Safety and Health/Mine Safety and Health Administration (NIOSH/MSHA) must be worn during exposure to concentrations in excess of permitted limits or when concentrations are unknown. Self-contained breathing apparatus (SCBA) must be worn during entry into sites that are under fumigation if the concentration of phosphine is unknown or known to exceed the Short-Term Exposure Level (STEL) for phosphine (1 ppm for 15 minutes).

10.2 Permissible Gas Concentration Ranges for Respiratory Protection Devices

A NIOSH/MSHA approved full-face gas mask – phosphine canister combination may be used at levels up to 15 ppm or following manufacturers' use conditions instructions for escape. Above 15 ppm or in situations where the phosphine concentration is unknown, a NIOSH/MSHA approved, SCBA must be worn. The NIOSH/OSHA Pocket Guide DHHS (NIOSH) 97-140 or the NIOSH ALERT – Preventing Phosphine Poisoning and Explosions During Fumigation, lists these and other types of approved respirators and the concentration limits at which they may be used.

10.3 Requirements for Availability of Respiratory Protection

If PHOSTOXIN® is to be applied from within the structure to be fumigated, an approved full-face gas mask – phosphine canister combination or SCBA or its equivalent must be available at the site of application in case it is needed. Respiratory protection need not be available for applications from outside the area to be fumigated such as addition of tablets or pellets to automatic dispensing devices, outdoor applications, etc., if exposures above the permitted exposure limits will not be encountered.

If monitoring equipment is not available on a farm and application of PHOSTOXIN® fumigant cannot be made from outside the structure, an approved canister respirator must be worn during application from within the structure being treated. However, if entry into an on-farm structure that is under fumigation is required, a SCBA must be worn if the gas concentration is unknown or above the permissible limits.



Diphacinone



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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

May be harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Keep away from humans, domestic animals, and pets. Keep away from feed or foodstuffs. Wear waterproof gloves when handling bait or retrieving carcasses. Wash thoroughly with soap and water after handling bait.

ENVIRONMENTAL HAZARDS

This product is toxic to mammals, birds, and fish. Dogs and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten the 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 contaminate water when disposing of equipment, wastewater or rinsate.

ENDANGERED SPECIES CONSIDERATIONS

NOTICE: It is a Federal offense to use any pesticide in a manner that results in the death of an endangered species. Use of this product may pose a hazard to endangered or threatened species. Before applying this product, applicators must obtain information regarding the occurrence of endangered species and use limitations for this product. You may call EPA's "Endangered Species Hotline" at 1-800-447-3813 to obtain an "Interim Measures" pamphlet for your county. You may also consult your local agricultural extension office or state pesticide lead agency to determine if there are any requirements for use of this product.

Before using this pesticide on range and/or pasture land in the counties listed below, you must obtain the **PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES** for the county in which the product is to be used. The bulletin is available from your County Agricultural Commissioners Office. Use of this product in a manner inconsistent with the **PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES** is a violation of Federal laws.

CALIFORNIA: Fresno, Inyo, Kern, Kings, Merced, Monterey, San Benito, San Luis Obispo, Santa Barbara, and Tulare.

STORAGE AND DISPOSAL

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

STORAGE: Store only in original closed container in a cool, dry place inaccessible to children and pets. Store separately from fertilizer and away from products with strong odors which may contaminate the bait and reduce acceptability. Carefully sweep up and dispose of any spillage as in the "PESTICIDE DISPOSAL".

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste facility.

CONTAINER DISPOSAL: Nonrefillable container

DO NOT REUSE OR REFILL CONTAINER

Offer for recycling if available.

Wilco Distributors, Inc.

6832 N El Mirage RD, Glendale, AZ 85307
PH# 805-735-2476

EPA Reg. No. 36029-23 EPA ETSB. No. 36029-AZ-01

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

RESTRICTED USE PESTICIDE Due to Hazard to Non-target 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.



Gopher Getter TYPE 2 AG BAIT by WILCO

For subsoil application use only in crop and noncrop areas to control pocket gophers.

Active Ingredients:

Diphacinone (CAS# 82666)	0.005%
Other ingredients	99.995%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

Have label with you when obtaining treatment advice.

If swallowed:	<ul style="list-style-type: none">• Call a poison control center, doctor, or 1-800-858-7378 immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.
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The National Pesticide Telecommunications Network (NPTN) answers questions on medical emergencies, pesticide incidents, and health concerns.

NOTE TO PHYSICIAN OR VETERINARIAN

Contains diphacinone, an anticoagulant. If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. For humans, dogs, or other animals that have ingested this product or have obvious poisoning symptoms (bleeding) or elevated prothrombin times, give Vitamin K1 intramuscularly or orally. Check prothrombin time until values return to normal.

KEEP AWAY FROM FOODSTUFFS

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WT.

1LBS - 50LBS

19145

DIRECTIONS FOR USE

It is a violation of Federal laws to use this product in a manner inconsistent with its labeling. **READ THIS LABEL:** Read this entire label and follow all use directions and use precautions. **USE RESTRICTIONS:** Use this product only to control pocket gophers species (*Thomomys* spp. and *Geomys* spp.) in crop and non-crop areas. Subsoil application only. Do not apply bait by any method not specified on this label. Wear gloves when handling bait. Do not apply this product by any method not specified on this label. This product may not be broadcast. Wear waterproof gloves when applying this product. With detergent and hot water, wash all implements used for applying bait. Do not use these implements for mixing, holding, or transferring foods or feed.

APPLICATION DIRECTIONS:

A. HAND APPLICATION

Location of Runways: To locate gopher's natural runway, probe about 6" to 8" inches from an active mound beginning on the flat side of the horseshoe-shaped depression. Using an iron bar, a strong stick, the probe from a Probe 'n Funnel kit, a Gopher Bait Applicator bait dispensing probe, or a Gopher Getter Midget bait-dispensing probe, or other suitable implement, probe 8" to 10" inches below the soil level. Resistance on probe will decrease when runway is entered.

APPLICATION DIRECTIONS:

1. **GOPHER BAIT APPLICATOR METHOD:** Turn hand probe unit upside down to attach or remove bait bottle which screws into the dispenser. The 1-lb. container for Gopher Getter Type 2 Ag Bait by Wilco may be screwed directly into the dispenser. Otherwise, add the amount of bait needed to the bottle that comes with the Gopher Bait Applicator and screw the bottle into the dispenser. Using probe end, probe around mounds to locate runways (see "Locating runways" above.) Lift handle three times to deposit bait in each active runway. Pick up or bury any spilled bait immediately. Makes 2-7 bait sets per burrow system, depending upon the systems apparent length. For best results, this bait must be placed in the gophers' active runway for four (4) consecutive days or until activity ceases.

2. **HAND AND PROBE 'N FUNNEL METHODS:** Enlarge probe hole (if necessary) to accommodate baiting. Use gloves and a scooping device (preferably long-handled) to transfer the bait from container to the bait applicator. Insert one-half cup bait into each active runway through probe opening or through the funnel, if using the Probe 'n Funnel kit. Take care not to spill bait on the surface. Pick up any spilled bait immediately. Makes 2-7 bait sets per burrow system, depending upon the systems apparent length. For best results, this bait must be placed in the gophers' active runway for four (4) consecutive days or until activity ceases.

3. **GOPHER GETTER MIDGET:** Remove cap from built-in bait reservoir and fill with bait. Replace and tighten cap. Using probe, probe around mounds to locate runways. To deposit bait in each active runway, turn crank six full turns, stopping back at the closed position. For best results, this bait must be placed in the gophers' active runway for four (4) days in a row or until activity ceases.

CLOSING RUNWAYS - After bait has been applied, cover probe opening with sod or dirt. Do not permit dirt to sift in or cover bait.

4. **BURROW BUILDERS APPLICATION:** The burrow builder constructs an artificial underground burrow and automatically places the poison in a single operation. A coupler disc opens the way for a subsolar shank. At the bottom of the shank is a "torpedo" or pointed tube. The torpedo cuts the artificial burrow. Bait is dropped in preset quantities from a container through a tube into the burrow through an outlet in rear underside of the torpedo. Close-set rubber tires behind the subsolar shank close the cut above the burrow.

The torpedo is adjustable to the depth of natural pocket gopher runways. Soil should always be damp enough to hold formed tunnel. Artificial burrows are cut at 20 to 25 foot intervals, intercepting and connecting natural runways, as shown by the treatment program. The pocket gopher's curiosity and laziness leads him to the bait.

POST-APPLICATION DIRECTIONS:

Using waterproof gloves, collect and burn (where permitted) or bury all visible dead animals. Dispose of leftover bait according to "Pesticide Disposal".



Treatment indicated
by lines.



Strychnine



A Tradition of Stewardship
A Commitment to Service

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS and DOMESTIC ANIMALS

DANGER: Convulsive poison! Fatal if swallowed or inhaled. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Do not breathe dust. Do not apply this product in a way that will contact any person or pet. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks

When disposing of non-rigid containers (e.g. bags) or loading of more than 3 lbs. of bait into mechanical application equipment, handlers must wear:

- long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks
- goggles or face shield, and
- dust/mist filtering respirator (NIOSH/MSHA approval number prefix TC-21C), or a NIOSH approved respirator with an N, P, R, or HE filter.

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

USER SAFETY RECOMMENDATIONS

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. Wash the outside of waterproof gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not allow bait to be exposed on soil surface. 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 contaminate water by the cleaning of equipment or disposal of wastes. Do not apply directly to food or feed crops.

ENDANGERED SPECIES CONSIDERATIONS

NOTICE: The killing of a member of an endangered species during strychnine baiting operations may result in a fine under the Endangered Species Act. Before baiting, the user is advised to contact the Regional U.S. Fish and Wildlife Service (Endangered Species Specialist) or the local Fish and Game Office for specific information on endangered species. Strychnine baits should not be used in the geographic ranges of the following species except under programs and procedures approved by the USEPA: California condor, San Joaquin kit fox, Morrow Bay kangaroo rat, gray wolf and grizzly bear.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store excess materials in original labeled container in a cool, dry area. Do not stack containers more than three high. Rotate containers end to end at least once a month. Keep containers away from children, pets and domestic animals. Avoid contamination of other pesticides, fertilizers, food and feed.

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 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: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities. If burned, stay out of smoke.



NET CONTENTS: 50 LBS.



RESTRICTED USE PESTICIDE

DUE TO HAZARD TO NON-TARGET ORGANISMS

For retail sale to and use only by Certified Applicators or persons under the direct supervision of a Certified Applicator, and only for those uses covered by the Certified Applicator's certification.

RCO

AVALON



MIXED GRAIN GOPHER BAIT

For MECHANICAL BURROW BUILDER & MANUAL APPLICATIONS

ACTIVE INGREDIENT:

Strychnine Alkaloid.....0.50%

INERT INGREDIENTS.....99.50%

TOTAL 100.00%

Manufactured by: RCO International, Inc.

PO Box 191, Harrisburg, OR 97446

EPA Reg. No.: 5042-34

EPA Est. No.: 67442-OR-2

KEEP OUT OF REACH OF CHILDREN

**POISON
PELIGRO**



**POISON
PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand label, then find someone to explain label in detail before using this product.)

FIRST AID

IF SWALLOWED: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. If less than ten (10) minutes have passed since the poison was taken, give 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Have patient lie down in a quiet, darkened room and keep them warm and quiet. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

IF IN EYES: Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

NOTE TO PHYSICIAN

Administer 100% OXYGEN by positive pressure to provide as much pulmonary gas exchange as possible, despite seizures. Administer ANTICONSULTANT DRUGS intravenously to control convulsions. **NOTICE:** It may be difficult or impossible to stop the seizure activity without stopping respiration. Be prepared to maintain pulmonary ventilation mechanically. Tracheotomy may be necessary if seizures are prolonged.

In case of accidental ingestion or concerns with possible non-target ingestion, please have product label available when contacting a poison control center or doctor, or going for treatment. The National Pesticide Information Center can also be reached for emergency treatment information at 1-800-858-7378.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

DIRECTIONS FOR USE

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

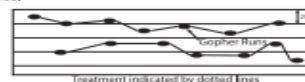
USE RESTRICTIONS:

This product may only be used in below-ground (only) applications in rangelands, pastures, croplands, forests and non-agricultural areas to control the following types of pocket gophers: *Thomomys* spp. and *Geomys* spp.

This product may only be applied by use of a tractor-operated mechanical burrow builder, by probe-assisted hand-held bait dispensers, or by standard manual hand baiting techniques, as prescribed on this label. Bait must be deposited directly into the pocket gopher's natural below ground tunnels or into an artificial underground tunnel created by the burrow-builder unit. Always check for uniform closure of tunnel created by the burrow-builder unit press wheel. A poorly made tunnel is no tunnel to a gopher. Never apply this bait above ground or for any purpose other than as directed by this product label. Do not apply this product over food or feed crops. Do not apply this product in a way that it will contact workers, other individuals and domestic animals or wildlife. Keep pets out of area when baiting. See baiting directions below.

APPLICATION DIRECTIONS FOR BURROW BUILDERS:

Burrow builders construct artificial underground tunnels and automatically place bait into them in a single operation. A coupler disc opens the way for a subsoiler shank. At the bottom of the shank is a pointed tube or "torpedo". The torpedo creates the artificial burrow. Bait is dropped in preset quantities through an outlet in the rear underside of the burrow. Always check for uniform closure of tunnel created by the burrow-builder unit press wheel. Always consult the manufacturer's directions for the specific burrow builder equipment to be used. Adjust the torpedo to the average depth of pocket gopher runways. Make sure that soil is damp enough to hold formed tunnels. Cut artificial burrows at 20 to 25 foot intervals. Orient artificial burrows to intercept gophers' natural underground runways (See diagram.) Pick up or bury any spilled bait. Apply at rates of one to three pounds of bait per acre by the burrow-builder method.

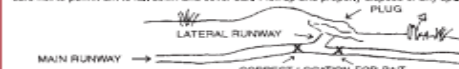


APPLICATION DIRECTIONS FOR MANUAL BAITING:

Locating Runways: Pocket Gophers throw out low, fan-shaped dirt mounds on either side of their underground runways. Short lateral tunnels connect the mounds to the main runway. Except when a pocket gopher is throwing out dirt, its lateral tunnels are plugged with soil at the mound, often creating a horseshoe-shaped depression. Pocket gophers may be controlled by placing bait in the main runway, after it is located through probing around the mound (see diagram below). To locate a gopher's main runway, probe about 6-8 inches around the mound, starting on the plugged side. When runway is entered, resistance on probing device will decrease abruptly.

Hand Application: After locating the main tunnel system, remove probe and enlarge the probe hole, if necessary, to accommodate the depositing of bait (see diagram below). Drop a teaspoonful of bait through probe opening, taking care not to spill bait on soil surface. Make 2-7 below-ground placements of bait per active tunnel system, based upon the apparent length of the visible tunnel system. Cover opening with a rock, dump of soil or other objects that will exclude light. Take care not to permit dirt to fall down and cover bait. Pick up and properly dispose of any spilled bait.

Applications with Hand-operated Bait-dispersing Equipment: Always refer to the instructions for the specific equipment being used. Set the equipment so that each bait placement will be approximately one teaspoonful. Place bait in the main underground runway (see diagram below). Refer to the directions for Locating Runways (above) for proper techniques to locate main tunnel system. Make 2-7 bait placements throughout active tunnel system, based upon the apparent length of the visible tunnel system. Cover the baited openings with a rock, dump of soil or other objects that will exclude light. Take care not to permit dirt to fall down and cover bait. Pick up and properly dispose of any spilled bait.



Treatment Rates for Manual Applications: When applied as directed above, one pound of bait will treat from one to eight acres, depending upon the density of pocket gopher activity.

Monitoring Pocket Gopher Activity: One pocket gopher may construct up to 3 mounds per day and over 200 mounds per year. Check burrow systems for current activity by opening main runways and/or by baiting all mounds. Mark disturbed burrows with tagging and return to the site approximately 48 hours later. Where there are live pocket gophers, opened tunnels will be repaired and new mounds may be constructed. These procedures may be used before treatment to monitor the initial level of pocket gopher activity and after treatment to assess the results of the treatment and to determine whether and where follow-up treatments are needed.

NOTICE: Because RCO International, Inc. has no control over storage, handling and conditions of use, which are of critical importance, RCO International, Inc. makes no representation of warranty, either expressed or implied, for results due to misuse, improper handling or storage of this material. RCO International, Inc. does not assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or storage of this material.



Carbon Dioxide

IGI CARBON DIOXIDE BOOKLET LABEL



For Storage and Containment Structures, Outdoor Burrowing Pest Control

ACTIVE INGREDIENT: Carbon Dioxide.....99.9%
OTHER INGREDIENTS:.....0.1%
TOTAL.....100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

FIRST AID	
If inhaled:	<ul style="list-style-type: none">• 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 or doctor immediately for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call 1-800-222-1222.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if inhaled. Do not breathe vapor. Exposure may cause suffocation and death. Ventilate areas before entering. For handling activities in enclosed areas during and after application, use either a supplied-air respirator with NIOSH approval number TC-19C or a self-contained breathing apparatus (SCBA) with NIOSH approval number TC-13F. Wear eye protection when connecting or adjusting regulator and gauge assemblies and when applying carbon dioxide. Do not attempt to use the system with the cylinder in a horizontal position as liquid carbon dioxide could leak, resulting in frostbite from contact with the liquid carbon dioxide or frozen metal parts.

EPA Reg. No.: 7173-313

EPA Est. No.:

89867-CA-1	69180-TX-1	89867-MD-1	89867-IL-1	89867-WA-1	8536-SC-1
89867-CA-2	69180-OH-1	89867-NJ-1	89867-LA-1	89867-NC-1	
89867-CA-3	74979-FL-1	89867-FL-1	89867-MA-1	89867-SC-1	

Net Wt.: See CO₂ Cylinder Label
Lot No.: See CO₂ Cylinder Label

Manufactured for:
Liphatech, Inc.
3600 W. Elm Street
Milwaukee, WI 53209

Label No. 50002255-0722

IGI CARBON DIOXIDE; EPA Reg. No. 7173-313
(021822, V5)
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MASTER LABEL – IGI CARBON DIOXIDE

(Note to Reviewer: [bracketed text] is alternate or optional wording; (parenthetical text) is informational.)

2. The person responsible for the fumigation must notify the master of the vessel, or his representative, of the requirements relating to personal protection equipment, detection equipment and that a person qualified in the use of this equipment must accompany the vessel with cargo under fumigation. Emergency procedures, cargo ventilation, periodic monitoring and inspections, and first aid measures must be discussed with and understood by the master of the vessel or his representative.
3. During the fumigation or until a manned vessel leaves port or the cargo is aerated, the person in charge of the fumigation must insure that a qualified person using gas or vapor detection equipment tests spaces adjacent to spaces containing fumigated cargo and all regularly occupied spaces for fumigation leakage. If leakage of the fumigant is detected, the person in charge of the fumigation must take action to correct the leakage, or shall inform the master of the vessel, or his representative, of the leakage so that corrective action can be taken.
4. If the fumigation is not completed and the vessel is not aerated before the manned vessel leaves port, the person in charge of the vessel must ensure that at least two units of personal protection equipment, one gas or vapor detection device, and a person qualified in the operation be on board the vessel during the voyage.

Precautions and Procedures During Voyage

Using appropriate gas detection equipment, monitor spaces adjacent to areas containing fumigated cargo and all regularly occupied areas for fumigant leakage. If leakage is detected, the area should be evacuated of all personnel, ventilated, and action taken to correct the leakage, before allowing the area to be occupied. If necessary to enter a fumigated area, appropriate personal protection equipment must be used. Never enter fumigated areas alone. At least one other person, wearing personal protection equipment, should be available to assist in case of an emergency.

Precautions and Procedures During Discharge

If necessary to enter hold prior to discharge, test spaces directly above surface for fumigant concentration, using appropriate gas detection and personal protection equipment. Do not allow entry to fumigated areas without personal safety equipment unless fumigant concentrations are at safe levels, as indicated by a suitable detector. Personal protection equipment for the fumigant means a supplied-air respirator with NIOSH approval number TC-19C or a self-contained breathing apparatus (SCBA) with NIOSH approval number TC-13F.



A Tradition of Stewardship
A Commitment to Service





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