

Reg # 10031-1

PM-14

124

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

23 OCT 1989

305
18
249,767
8

Mr. Dennis D. King
Attorney for Petersen Seeds, Inc.
111 West Second Street
P.O. Box 302
Gordon, NE 69343-0302

Dear Mr. King:

Subject: Petersens Pocket Gopher Killer I for Pocket Gopher
Control Only
EPA Registration No. 10031-1
Your Application Dated August 1, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable subject to the comment listed below.

- In the first sentence of "USE RESTRICTIONS" under "DIRECTIONS FOR USE," change "gopher" to "gophers" and underline or italicize the scientific names "Geomys bursarius" and "Thomomys talpoides."

Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of the final printed labeling.

58128:I:Palmateer:LM-7:KENCO:10/13/89:01/08/89:DD:SW:VO:DD

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



William H. Miller
Product Manager (16)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosures

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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

PETERSENS

Pocket Gopher Killer I For Pocket Gopher Control Only

Active Ingredient - Strychnine 0.31%
Inert Ingredients 99.69%
TOTAL 100.00%

AGREED
with COMMENTS
in EPA Letter Dated:

OCT 23 1989



**KEEP OUT OF REACH
OF CHILDREN
DANGER
CONVULSIVE - POISON
POISONOUS IF SWALLOWED
DO NOT BREATHE DUST**



Registered under the Federal Insecticide, Fungicide, and Rodenticide Act as a Restricted Use Pesticide for the pesticide use under EPA Reg. No. 10031-1

**KEEP AWAY FROM CHILDREN
PETS AND DOMESTIC ANIMALS**

DO NOT CONTAMINATE FEED AND FOODSTUFFS

PRECAUTIONARY STATEMENTS HAZARD to HUMANS and DOMESTIC ANIMALS

Convulsive Poison! Poisonous if swallowed. Do not breathe dust. Do not contaminate feed and foodstuffs. Keep away from children, pets, and domestic animals. Wash thoroughly with soap and water before eating or smoking. Clean clothing should be used daily. Do not touch bait with bare hands; wear gloves while handling bait.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Baits exposed on soil surface may be hazardous to birds and other wildlife. Do not apply directly to lakes, ponds, or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

Notice: The killing of an endangered species during strychnine baiting operations may result in a fine or imprisonment under the Endangered Species Act. Strychnine baits should not be used in the geographic ranges of the following species except under programs and procedures approved by the U.S. EPA: Gray wolf and grizzly bear. Refer to product labeling for use restrictions to protect ENDANGERED SPECIES.

PHYSICAL or CHEMICAL HAZARDS

Do not use or store near heat or open flame.

STATEMENT OF PRACTICAL TREATMENT

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

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN

Administer 100% oxygen by positive pressure to provide as much pulmonary gas exchange as possible, despite seizures. Administer ANTI-CONVULSANT DRUGS liberally to control convulsions.

CAUTION: It may be difficult or impossible to stop the seizure activity without stopping respiration. Be prepared to maintain pulmonary ventilation mechanically. Tractotomy may be necessary if seizures are prolonged.

BEST AVAILABLE COPY

DIRECTIONS FOR USE

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

USE RESTRICTIONS: For plains pocket gopher, (*Geomys bursarius*) and northern pocket gophers (*Thomomys talpoides*) in range land, pasture, cropland, and noncrop areas. Do not use this product to control animals other than pocket gophers. This product must be applied directly into pocket gopher's underground burrow systems. Do not apply this product on or above the surface of the ground in any crop or noncrop area. Do not use this product in California.

HAND APPLICATION: Remove burrow plug from flat side of burrow line or locate main runway by probing several inches away from the main runway. A sudden dip in the soil's resistance to the probe indicates that the main runway has been found. Using a long handled spoon or other suitable implement, insert one level tablespoon of bait into the runway. Close opening with sod, soil, or a rock, taking care to block the entry of light. Do not permit soil to cover bait. Depending upon pocket gopher population levels, one pound of bait applied by hand will treat 1-8 acres. (See further directions attached to end of bag before applying.)

MACHINE APPLICATION: (burrow builder) Follow manufacturer's instructions for the equipment used to apply gopher bait. Make artificial burrows same depth as natural tunnels about 20 to 30 feet apart. Apply 1 to 2 lb. of bait per acre. Adjust machine so that it rices the ground with wheels barely packing soil. Apply only when soil condition is proper to insure formation of a good artificial burrow. Spilled baits must be picked up or buried. When not in use do not leave bait in the dispensing mechanism of machine (see further instructions attached to end of bag before applying).

Mfg. PETERSEN SEEDS INC., Gordon, Nebr 69343

EPA Reg. No. 10031-1

50 lbs. Net Wt.

EPA Est. No. 10031-NB-1

STORAGE and DISPOSAL

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

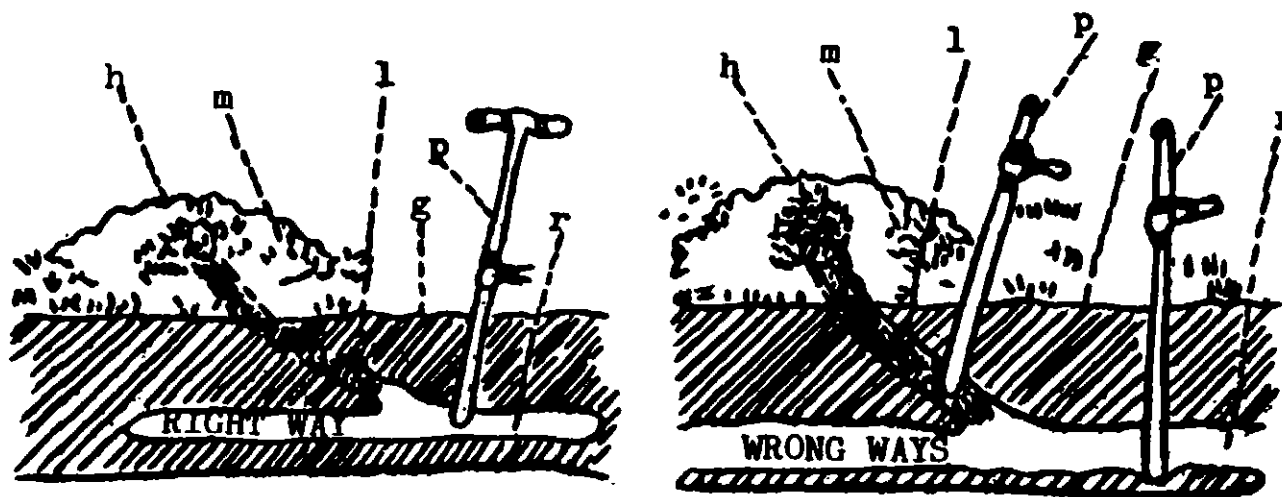
PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mix, or empty container is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Emergency Team at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Completely empty bag by shaking and turning inside out and return to recycling plant. Empty container to applicator's equipment. Then dispose of bags in a sanitary landfill or by incineration, as allowed by State and local authorities.

NOTICE

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions on the label.

HAND APPLICATION: Remove burrow plug from flat side of burrow fan or locate main runway by probing several inches away from the main runway. A sudden drop in the soil's resistance to the probe indicates that the main runway has been found. Using a long-handled spoon or other suitable implement, insert one level tablespoon of bait into the runway. Close opening with sod, soil, or a rock, taking care to block the entry of light. Do not permit soil to cover bait. Depending upon pocket gopher population levels, one pound of bait applied by hand will treat 1-8 acres.



Legend: h- horseshoe like depression; m- mound; l- lateral runway; p- probe; g- ground surface; r- main runway.

Results of the poisoning can be checked after about four days by opening the burrow with a shovel. If there is a pocket gopher still alive, it will plug the opening with dirt within a few hours.

MACHINE APPLICATION: (burrow builder) The effectiveness of the burrow builder depends upon the gophers finding the artificial runways and the poisoned bait. Thus, the burrows should be made at a depth that will intercept the greatest number of natural gopher tunnels. Therefore, measure the depth of gopher runways and set the machine accordingly. Adjust the machine so that it rides the ground with the wheels barely packing the soil.

The artificial runways should be spaced about 20 to 30 feet apart to insure interception of the natural burrow.

The amount of bait placement required will depend upon the spacing of the bait in the runway. About one pound of bait will treat one acre.

Experience and trials with each model burrow builder will be necessary before optimum performance can be expected.

Do not reuse empty container. Destroy it by burying with wastes.