

VARGON™

FOR THE CONTROL OF RICHARDSON'S GROUND SQUIRRELS AND WYOMING GROUND SQUIRRELS

ACTIVE INGREDIENT(S)	
Mustard seed powder [<i>Brassica hirta</i>]	10.89%
α-olefin sulfonate, sodium.....	6.91%
INERT INGREDIENTS:.....	82.20%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

READ THE LABEL BEFORE USING

SEE BACK PANEL FOR OTHER PRECAUTIONARY STATEMENTS, FIRST AID STATEMENTS AND DIRECTIONS FOR USE

NET CONTENTS

1 U.S. gallon

EPA Reg. No. 72919-R

EPA Est. No. 72919-CA-1

Exit Holdings, L.L.C.
2620 North 37th Drive
Phoenix, AZ 85009

ACCEPTED
FEB 25 2004
<small>Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide Registered under</small>
<i>72919-1</i>

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

DANGER

Corrosive. Causes irreversible eye damage. Harmful if absorbed through the skin. Wear protective eyewear [goggles, face shield or safety glasses]. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID

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 poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:

- Remove contaminated clothing.
- Rinse skin immediately with plenty of water for 15 -20 minutes.
- Call poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 for emergency medical treatment information

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and handlers must wear protective eyewear (goggles, face shield or safety glasses), water-proof gloves, a long-sleeved shirt, long pants, and footwear plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water.

USER SAFETY RECOMMENDATIONS

User should wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product will suffocate all organisms within the treated burrow. Do not apply where there is evidence that the burrow may be occupied by species other than Richardson's ground squirrels and Wyoming ground squirrels. Do not contaminate water when disposing of equipment washwater or rinsate. See "ENDANGERED SPECIES CONSIDERATIONS" section.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE AND DISPOSAL

- PESTICIDE STORAGE:** Store in an original container in cool dry area. Unused field solution product may be stored in the application tank and used as required.
- PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site, or at an approved waste disposal facility
- CONTAINER DISPOSAL:** Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

**READ THIS ENTIRE LABEL BEFORE EACH USE OF THIS PRODUCT
SHAKE CONCENTRATE WELL BEFORE DILUTION AND USE**

USE RESTRICTIONS

Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

This product may only be used for the control of Richardson's ground squirrels [*Spermophilus richardsonii*] and Wyoming ground squirrels (*S. elegans*) in rangeland, ornamental plantings, seed orchards and nurseries (ornamental and forestry use only), golf courses, parks, and non-crop rights of way. This product must be applied directly to the burrow systems of these species. Observe the

intended area and inspect burrows to be treated for evidence of threatened or endangered species. **Do not use this product in a burrow system where threatened or endangered species might be present.** See "ENDANGERED SPECIES CONSIDERATIONS" section to determine where threatened and endangered species potentially at risk from this product occur.

Prior to use of this product, observe areas intended for treatment to confirm that Richardson's ground squirrels or Wyoming ground squirrels are actively using the site. **DO NOT** treat unoccupied or inactive burrows. **DO NOT** treat burrows if there is evidence that a snake, weasel or other predator has entered in search of prey.

INFORMATION ABOUT TARGET SPECIES

Richardson's ground squirrels occur in the northern Great Plains in portions of the Canadian Provinces of Alberta, Saskatchewan, and Manitoba and in the U.S. in portions of the States of Montana, North Dakota, and South Dakota.

Wyoming ground squirrels occur in the U.S. in portions of the States of Nevada, Oregon, Idaho, Montana, Wyoming, Nebraska, and Colorado.

Burrows of Richardson's and Wyoming ground squirrels vary according to soil type, habitat, climate, and other factors. Burrows may be as deep as 9 feet (about 3 meters). Burrow diameters may reach 10 inches (25 cm) and may vary by species and individual.

EQUIPMENT - The following equipment is recommended:

1. Water Tank with shut off and garden hose connections.
2. Pump: 3.6 gpm, 45 psi-Shur-Flo 12 volt electric demand pump.
3. Hose reel and 100 feet of ordinary garden hose.
4. 3 gallon per minute (gpm) aspirating nozzle with shut off
5. Perforated plastic cones to block burrow entrances.
6. Marking Flags (optional)

MIXING INSTRUCTIONS

1. **Shake concentrate container well before dilution and use.** Concentrate is mixed at a ratio of 1 gallon of concentrate per 24 gallons of water.
2. Fill the application tank with the required amount of water. For example, a 50 gallon tank requires 48 gallons of water and 2 gallons of concentrate.

3. Pour concentrate into the application tank.
4. Gently mix the final solution for one minute after adding the concentrate.

APPLICATION

1. Ensure that all valves are open, and all hoses are connected from the tank to the pump and the pump to the hose reel.
2. Ensure pump is plugged into power source (can be plugged into cigarette lighter or trailer plug outlet).
3. Prior to application, examine all burrow entrances for evidence of endangered species. Do not treat burrows where there is any evidence that an endangered species may be present.
4. Insert perforated cones into all burrow entrances within 15 feet of the burrow entrance to be treated. Ensure cones are firmly seated into the burrow entrances.
5. Insert the aspirating nozzle through hole at the large end of the cone and open the shut off valve to start the pump and flow of field solution. As the field solution passes through the aspirating nozzle foam is produced.
6. Continue treatment until foam rises up past the last perforation in the cone being treated. (Typically 5-15 seconds depending on the size of the burrow.)
7. **Treat all burrows with cones in them. Top up any cones where foam has dropped below the last perforation. It is very important that the entire burrow system be completely full of foam.**
8. Leave foam filled cones in place for a minimum of 3 minutes, and then remove for use in other burrow entrances.
9. Repeat steps 4 through 8 until all burrows in the target area have been treated.
10. To discourage re-invasion from outside the target area, it is recommended that the treated burrows be firmly packed with dirt.

ENDANGERED SPECIES CONSIDERATIONS

NOTICE: It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species. The use of this product may pose a hazard to Federally-designated threatened or endangered species. Contact the nearest regional office of the U.S. Fish and Wildlife Service for current information on the endangered species that may occur in the area where you intend to use this product.

Suggested measures for protecting endangered species may have been developed for your State. Consult with your State wildlife or environmental agency to determine whether they have imposed any requirements in your area to protect endangered and threatened species.

Do not use this product within the occupied habitat of the endangered animal types listed immediately below.

Black-footed Ferret (*Mustela nigripes*) - Endangered in:

Colorado – Adams, Alamosa, Arapahoe, Archuleta, Baca, Bent, Broomfield, Cheyenne, Conejos, Costilla, Crowley, Delta, Dolores, Douglas, Eagle, Elbert, El Paso, Fremont, Kiowa, Kit Carson, La Plata, Larimer, Las Animas, Lincoln, Moffat, Montezuma, Montrose, Morgan, Otero, Prowers, Pueblo, Rio Blanco, Saguache, San Miguel, Washington, Weld counties;

South Dakota - , Dewey, Gregory, Jackson, Mellette, Pennington, Shannon, Todd, Tripp, Ziebach counties;

Montana - Big Horn, Blaine, Carbon, Carter, Chouteau, Custer, Fergus, Garfield, Golden Valley, Hill, Jefferson, Lewis and Clark, Liberty, McCone, Musselshell, Petroleum, Phillips, Powder River, Prairie, Rosebud, Stillwater, Sweet Grass, Toole, Valley, Wheatland, Yellowstone counties;

Utah – Carbon, Daggett, Duchesne, Emery, Grand, Rich, San Juan, Summit, Uintah counties.

Nebraska - Adams, Antelope, Arthur, Banner, Blaine, Boone, Box Butte, Boyd, Brown, Buffalo, Chase, Cherry, Cheyenne, Clay, Cluster, Dawes, Dawson, Deuel, Dundy, Franklin, Frontier, Furnas, Garden, Garfield, Gosper, Grant, Greeley, Hall, Hamilton, Harlan, Hayes, Hult, Hooker, Howard, Kearney, Kieth, Keya Paha, Kimball, Knox, Lincoln, Logan, Loup, McPherson, Merrick, Morrill, Nance, Nuckolls, Perkins, Phelps, Red Willow, Rock, Scottsbluff, Sheridan, Sherman, Sioux, Thomas, Valley, Webster, Wheeler counties;

North Dakota - Adams, Billings, Bowman, Dunn, Go Valley, Grant, Hettinger, McKenzie, Mercer, Morton, Oliver, Sioux, Slope, Stark counties.

Wyoming – entire state

Preble's Meadow Jumping Mouse (*Zapus hudsonius preblei*) - Threatened in:

Colorado – Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, El Paso, Elbert, Jefferson, Larimer, Morgan, Teller and Weld;

Wyoming - Albany, Converse, Goshen, Laramie and Platte Counties.

Utah Prairie Dog (*Cynomys parvidens*) - Threatened in:

Utah - Beaver, Garfield, Iron, Kane, Millard, Piute, Sanpete, Sevier Washington and Wayne counties.

Wyoming Toad (*Bufo hemiophrys baxteri*) - Endangered in:

Wyoming - Albany county.

American Burying Beetle (*Nicrophorus americanus*) - Endangered in:

South Dakota - counties west of the Missouri river

Nebraska – Blaine, Boyd, Brown, Cherry, Custer, Dawson, Frontier, Garfield, Gosper, Holt, Keya Paha, Lincoln, Loup, Rock, Thomas, Wheeler counties

WARRANTY

Exit Holdings, L.L.C., warrants that this product conforms to the chemical description on the label. Exit Holdings, L.L.C., neither makes nor authorizes any agent or representative to make, any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. Exit Holdings, L.L.C.'s maximum liability for breach of this warranty shall not exceed the purchase price of this product. Buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this material.



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02/25/04 03:43 PM

To: Geri Mccann/DC/USEPA/US@EPA
cc:
Subject: LATEST LABEL ITERATION

Geri:
here is the latest iteration, amended as per our telephone conversation.
If you need anything else just let me know.
Thanks



Iain Exit-VARGONLAB022504.wp