

Rodenticides Labeled for Use to Control Meadow Voles and Pocket Gophers

Updated June 13, 2016

ALWAYS read and follow the instructions printed on the pesticide label. The pesticides listed in these tables are currently registered with Idaho State Department of Agriculture. Pesticide labels change frequently and may have changed since this was written, therefore, check the current label to be sure it is registered for use.

Products that are labeled as “Restricted Use” require an Idaho Pesticide Applicators License to purchase and apply.

“General Use” products can be purchased and used by the general public 18 years and older. “General Use” products can be found in a variety of retail businesses, such as home improvement stores, farm stores, retail greenhouse businesses, and grocery stores.

ATTENTION: *If the product label lists any “commensal rodents” (Norway rat, roof rat, or house mouse), labels will have specific directions for use and location of bait stations, and product quantity allowed. Some, not all, of the products listed on these tables have commensal rodents listed on the labels. Be sure to thoroughly read and follow all label directions.*

MEADOW VOLE PRODUCTS

GENERAL USE PESTICIDES—MEADOW VOLES THESE PRODUCTS ARE FOR HOMEOWNER/CONSUMER USE.					
Rodenticide Active Ingredient	Common Trade Names	Restricted Use Pesticide	Rodenticide Type	Consumer Use	Labeled Uses/Comments
Capsaicin	Scout Squirrel, Miller Hot Sauce Animal Repellent, Repellex Systemic tablets	NO	Biopesticide spray, tablets	YES	Spray on ornamentals, hay bales, vegetable crops. Do not use indoors. Place tablet type formulations in water and apply to soil.
Castor oil	Mole Go Granules, Sweeney’s Mole and Gopher Repellent, Tomcat Mole and Gopher Repellent	NO	Natural product; exempt from federal review	YES	Use as a repellent around structures and plants. Some products should be watered after the application. These products are exempted from federal pesticide laws, but are considered a pesticide in Idaho.
Diphacinone	Ramik Mini Bars, Ramik Green Bait Packs, Ramik Green, Ramik Mouser, Rodentex Bait Station	NO	Anticoagulant. Only for indoor use.	YES	This product may only be used inside and within 100 feet of buildings . Some products come in prepared bait stations. Cannot be applied directly to food or feed crops.

Dried porcine and bovine blood	Plants KYDD Repellent	NO	Repellent	YES	Apply as a liquid to plants and let dry.
Warfarin	Kaput Rat & Mouse Bait, Mouse Blocks	NO	Anticoagulant. To be used in bait stations.	YES	Non-food/non-feed areas. No burrow and no broadcast uses allowed. Use a bait station within 100 feet of a building.
Zinc Phosphide	Prozap, ZP Oat Bait	YES/NO	Acute poison. Only use underground directly in vole burrow holes	YES/NO	General use products can only be used as a <u>below ground</u> treatment. <u>NO</u> above ground usage; <u>NO</u> broadcast applications; <u>NO</u> bait station use. For more specific information, contact your local University of Idaho Extension Educator.

RESTRICTED USE PESTICIDES—MEADOW VOLES

THESE PRODUCTS ARE FOR PROFESSIONAL APPLICATORS AND FARMERS/RANCHERS WITH A PESTICIDE LICENSE. THEY ARE NOT FOR HOMEOWNER/CONSUMER USE, PLEASE REFER TO THE TABLE ABOVE FOR CONSUMER PRODUCTS.

<i>Rodenticide Active Ingredient</i>	<i>Common Trade Names</i>	<i>Restricted Use Pesticide</i>	<i>Rodenticide Type</i>	<i>Consumer Use</i>	<i>Labeled Uses/Comments</i>
Aluminum Phosphide Fumigant	Weevil-Cide	YES	Fumigant	NO	Prohibited for use within 100 feet of any building utilized by humans or domestic animals.
Chlorophacinone	Rozol, Borderline	YES	Anticoagulant bait	NO	Use in parks, lawns, golf courses, orchards, nurseries, non-cropland. Aerial label for orchards, nurseries, within 100 feet of cropland edges. Some products may require bait stations for outdoor, above-ground bait placements.
Difethialone	Fastdraw, Firststrike, Generation, Hombre, Renegade (various products with these names)	NO	Anticoagulant bait.	NO	Must be used indoors or within 100 feet of buildings . This is a general use product, but only sold in large quantities for professional applicator use.
Diphacinone	Ramik Brown	YES	Anticoagulant bait	NO	Use in non-food/non-feed areas, nurseries, tree farms, orchards. Some products may require bait stations for outdoor, above-ground bait placements.

Zinc Phosphide	Prozap, ZP Rodent Bait AG, Zinc Phosphide, Wilco ZP	YES	Non-Anticoagulant bait on a variety of bait substances	NO	Use in parks, lawns, ornamentals, rangeland, orchards, golf courses, around agricultural buildings, and in some crops. Moisture will cause the product to volatilize or “gas off”. Do not apply before rain or an irrigation event. These commercial products can be used in a bait station and some may be broadcast applied directly in alfalfa, barley, dry bean, potato, triticale, wheat, non-crop areas and rights of way, and non-residential lawns. Some of these commercial products are available from Agricultural Chemical Dealers and the USDA Pocatello Supply Depot.
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POCKET GOPHER PRODUCTS

GENERAL USE PESTICIDES—POCKET GOPHERS
THESE PRODUCTS ARE FOR HOMEOWNER/CONSUMER USE.

<i>Rodenticide Active Ingredient</i>	<i>Common Trade Names</i>	<i>Restricted Use Pesticide</i>	<i>Rodenticide Type</i>	<i>Consumer Use</i>	<i>Labeled Uses/Comments</i>
Capsaicin and Capsaicinoids	Scoot Squirrel, Systemic Tablets, Repellex Systemic Tablets	NO	Biopesticide, Repellent	YES	Use pellets in underground burrows. Can also place tablets in water and apply to the soil.
Castor Oil	Mole Go Granules, Sweeny’s Mole & Gopher Repellent, Tomcat Mole & Gopher Repellent	NO	Repellent, natural product exempt from federal review	YES	Broadcast on the soil surface and water into the soil.
Chlorophacinone	Rozol Pocket Gopher Bait	NO	Anticoagulant bait	YES	This product is formulated for consumer use in lawns, parks and non-crop areas, apply underground for gophers. Only available in packages one pound or less.

Diphacinone	Answer Control of Pocket Gophers, Sierra Gopher Bait, Kaput-D Pocket Gopher Bait, RCO Mole & Gopher Patrol	NO	Anticoagulant bait	YES-- .005% concentration	Manually place in underground burrows, in non-crop areas, residential use. Only available in packages one pound or less.
Sulfur, sodium nitrate and charcoal	Revenge Rodent Smoke Bomb, The Giant Destroyer	NO	Smoke bombs	YES	Place in underground burrow in lawns, parks, golf courses, meadows, and non-crop areas
Strychnine	Omega Gopher Grain Bait, Cooke Quick Action gopher Mix, Wilco Gopher Getter Type-1 Bait	Some formulations are Restricted Use Pesticides	Acute poison on a bait such as grain	YES	Must be placed in underground burrow and can only be used to control gophers. Use in non-crop; non-food areas.
Zinc Phosphide		Some formulations are Restricted Use Pesticides	Acute poison. Non anticoagulant bait	YES, if concentration is 2% or less	These products are only sold in quantities of one pound or less. They must be applied underground directly into the burrow by removing the plug, or placing directly in the underground tunnel.

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Aluminum Phosphide	Killz-all 60, Phosfume, Phostoxin (pellets and tablets)	YES	Fumigant	NO	Prohibited for use within 100 feet of any building utilized by humans or domestic animals. These rodenticides are for burrowing rodents and can only be applied below ground.
Chlorophacinone	Rozol Pocket Gopher Bait Burrow Builder Formula	YES	Anticoagulant bait	NO	To be used as a manual bait or with a mechanized burrow builder. Sold in larger quantities.
Diphacinone	RCO Patrol Burrow Builder Bait, Kaput-D Burrow Pocket Gopher Bait	YES	Anticoagulant bait	NO	To be used as a manual bait or with a mechanized burrow builder. Sold in larger quantities.

Strychnine	Strychnine, Fort Dodge Gopher Bait, Gopher-Go Bait, Pocket Gopher Bait, Wilco Gopher Getter Ag Bait	YES	Acute poison on bait	Some formulations are general use pesticides	Must be placed in underground burrow and can only be used to control gophers. Use in non-crop; non-food areas.
Zinc Phosphide	Wilco Zinc Ag Bait, Zinc Phosphide, ZP Ag Oats, ZP Ag Pellets, ZP Rodent Bait Ag, Prozap	YES	Acute poison. Non anticoagulant bait	Some formulations are general use pesticides	Use in parks, lawns, ornamentals, rangeland, orchards, golf courses, around agricultural buildings, nonfood crop areas, and uncultivated agricultural and nonagricultural areas. Moisture will cause the product to volatilize or “gas off”. Do not apply before rain or an irrigation event. Apply to the rodent burrow. These commercial products are available from Agricultural Chemical Dealers and the USDA Pocatello Supply Depot.