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28293-235

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 4 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Barry J. Santerre
UNICORN LABORATORIES
1000 118th Avenue
St. Petersburg, FL 33716

Subject: Label Amendment Submission of 10/28/93 in Response to PR Notice 93-7
EPA Reg. No. 28293-235
SEVIN BRAND CARBARYL INSECTICIDE 5% BAIT

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on , or that
contains at least 50% recycled fiber

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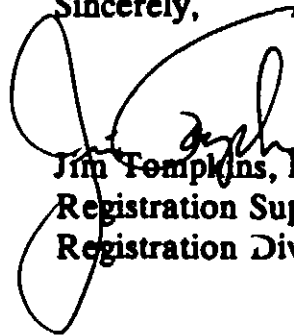
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

WPS of 8

UNICORN

**SEVIN^(R) brand carbaryl insecticide
5% BAIT**

**For the control of Cutworms, Armyworms, Field Crickets,
Darkling Beetles, Grasshoppers, Sowbugs and Ants.**

ACTIVE INGREDIENT:

Carbaryl (1-Naphthyl N-methylcarbamate)..... 5%

INERT INGREDIENTS:..... 95%
100%

SEVIN is a registered trademark of Rhône-Poulenc for carbaryl insecticides.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panel for Additional Precautionary Statements.

CONTENTS:

Manufactured by:

Unicorn Laboratories
1000 118th Avenue North
St. Petersburg, FL 33716

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 4 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

28293-235

NOTICE OF WARRANTY:

Seller makes no warranty, express 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.

EPA REG. NO. 28293-235(E:10/22/93)
(WPS)

EPA EST. NO. 28293-FL-1

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

CAUTION: May be harmful if swallowed. Avoid breathing dust. Do not take internally. Avoid contact with eyes, skin or clothing. Wear regular long-sleeved work clothing. Change to clean clothing daily.

Personal Protective Equipment:

Applicators and other handlers must wear: Long-sleeved shirt and long pants, Waterproof gloves and Shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Wash hands before eating, drinking chewing gum, using tobacco or using the toilet.

Statement of Practical Treatment
N-Methyl Carbamate

IF ON SKIN: Wash thoroughly with soap and water.

IF SWALLOWED: Induce vomiting by drinking 1 or 2 glasses of water and touching back of throat with finger or blunt object. Call a physician or Poison Control Center immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

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

IF INHALED: Move from contaminated atmosphere and call a physician.

NOTE TO PHYSICIAN: Carbaryl is a carbamate insecticide, which is a cholinesterase inhibitor. Overexposure to this substance may cause toxic signs and symptoms due to stimulation of the cholinergic nervous system. These effects of overexposure are spontaneously and rapidly reversible. Specific treatment consists of parenteral atropine sulfate. Caution should be maintained to prevent overatropinization. Mild cases may be give 1 to 2 mg intramuscularly every 10 minutes until full atropinization has been achieved and repeated thereafter whenever symptoms reappear. Severe cases should be given 2 to 4 mg intravenously every 10 minutes until fully atropinized, then intramuscularly every 30 to 60 minutes to maintain the effect for at least 12 hours. Dosages for children should be appropriately reduced. Complete recovery from overexposure is to be expected within 24 hours.

Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended unless organophosphate intoxication is also suggested.

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Environmental Hazards

This pesticide is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water, areas where surface water is present or to intertidal areas below the mean high water mark, except for rice uses. Discharge from rice fields may kill aquatic and estuarine invertebrates. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of twelve (12) hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

Coveralls, Waterproof gloves, Shoes plus socks

IMPORTANT PRE-HARVEST AND GRASING USE INFORMATION

Tolerances established under the Federal Food, Drug and Cosmetic Act permit the sale of crops bearing probable SEVIN brand carbaryl insecticide residues when SEVIN brand carbaryl insecticide is used in accordance with label directions. If SEVIN brand carbaryl insecticide is used in accordance with label directions, these crops including bean vines, carrot tops, pea vines, sugar beet tops, corn forage and cotton forage may be grazed or harvested for use as feed for dairy and meat animals without resulting in residues in milk or meat in excess of established tolerances.

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Do not plant rotational food and feed crops not listed on this and other carbaryl labels in carbaryl treated soil. Do not use reclaimed irrigation water from crops treated with carbaryl on upland crops for which carbaryl tolerances are not established.

APPLICATION:

Broadcast application may be made with either ground equipment or aircraft under conventional, minimal and no-till practices. Treatments may be repeated as necessary. Where a range of rates is provided, use lower rates for light infestation, early instars or when foliage is not too dense; use higher rates for moderate to heavy infestation, advanced instars or when foliage is thick. For best results on lawn and turf, cut lawn, remove clippings and water thoroughly before treatment. Dosage from 20 to 48 pounds of bait per acre will control cutworms, armyworms, field crickets, house crickets, mole crickets, darkling beetles, grasshoppers, sowbugs and ants.

CROP	RATE PER ACRE	RATE PER 1,000 SQ. FT.	DAYS BETWEEN FINAL APPLICATION AND HARVEST
Cucumbers, melons, peanuts, pumpkins, squash	20 lbs.	7-1/3 ozs.	0
Birdsfoot trefoil (forage and hay), clover, wheat (pasture, forage)	30 lbs.	11 ozs.	0
Lawn and turf - GROUND APPLICATION ONLY	30 lbs.	11 ozs.	0
Pasture (rangeland and wasteland), forage grasses, fence row and non-crop areas			
Beans, carrots, corn (field, sweet, pop), eggplant, okra, peppers, potatoes, sorghum forage, soybeans, sweet potatoes, tobacco beds, tomatoes.	20-40 lbs.	7-1/3 - 14-2/3 ozs	0
Asparagus, strawberries	40 lbs.	14-2/3 ozs.	1
Broccoli, Brussels sprouts, cabbage, cauliflower, garden beets (roots), head lettuce, horseradish, kohlrabi, parsnips, radishes, rutabagas, salsify (roots) tobacco (field), turnips (roots)	20-40 lbs.	7-1/3 - 14-2/3 ozs.	3
Alfalfa, peas	30 lbs.	11 ozs.	3
Cotton	30 lbs.	11 ozs.	7
Celery, Chinese cabbage, collards, dandelion, endive (escarole), garden beet tops, Hanover salad, kale, leaf lettuce, mustard greens, parsley, rice*, salsify (tops), spinach, sugar beets, swiss chard, turnip tops.			
*Do not use on rice fields in which crayfish and/or catfish farming is included in the cultural practice.	20-40 lbs.	7-1/3 - 14-2/3 ozs.	14
Wheat (grain - Fall or Spring)	30 lbs.	11 ozs.	21

CROP	RATE PER ACRE	RATE PER 1,000 SQ. FT.	DAYS BETWEEN FINAL APPLICATION AND HARVEST
Sorghums (milo, grain sorghum, sweet sorghum and hybrids)	20-40 lbs.	7-1/3 - 14 2/3 ozs.	21 (grain)
Oats, barley and rye (fall treatment)	20-40 lbs.	7-1/3 - 14-2/3 ozs.	Do not feed treated fodder to dairy animals or animals being finished for slaughter or allow them to graze on crops treated with this product.
Sunflowers	20-40 lbs.	7-1/3 - 14-2/3 ozs.	60 (crop for oil, food or feed purposes) 0 (crop for seeding purposes only)

(All insects listed above except darkling beetles) for the following crops:

Annual plants - herbaceous plants and shrubs, trees, woody plants (ornamental), grapes	40-48 lbs.	14-2/3 - 17-1/2 ozs.	0
Apples, cherries, peaches, pears, plums	40-48 lbs.	14-2/3 - 17-1/2 ozs.	1
Nectarines	40-48 lbs.	14-2/3 - 17-1/2 ozs.	3
Citrus	40-48 lbs.	14-2/3 - 17-1/2 ozs.	5
Apricots	40-48 lbs.	14-2/3 - 17-1/2 ozs.	28

NOTE: Do not make more than two applications after grain heads of wheat, alfalfa and clover emerge from boot. Do not allow animals to graze on treated sunflower crops.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

POULTRY HOUSES

SITE	INSECT	RATE PER 1000 SQ.FT.	SPECIFIC DIRECTIONS
Poultry Houses (chickens, turkeys, ducks, geese, gamebirds, and pigeons)	Darkling beetle (Lesser mealworm or litter beetle)	48 oz.	Apply bait uniformly to floor or litter area using appropriate equipment such as chest-carried fertilizer/seed spreader. Do not incorporate. It is not necessary to remove birds during application, but uniform coverage may be difficult to achieve with birds present. Do not contaminate feeding or watering units. Optimum treatment timings are: 1. Ten to 14 days after the birds are placed in the house and 2. Two weeks after timing #1 above. One application at each of

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the two timings listed above should be made for heavy infestations. If only one application can be made, timing #1 should be followed.

For best control of high darkling beetle populations: In addition to a bait application, walls, cracks, posts, crevices, and insulation around ventilation areas should be treated with a sprayable or flowable formulation of carbaryl insecticide. Spray applications should be made immediately following removal of the flock from the house or immediately prior to introducing the flock into the house. All label directions and restrictions for the application of the liquid carbaryl insecticide formulation used should be carefully followed.

Avoid spraying of nests, eggs and feeding and watering units. Do not treat poultry, game birds or their premises within 7 days of slaughter.

TURFGRASS AND ORNAMENTAL PLANTS

SITE	INSECT	RATE PER 1000 SQ.FT.	SPECIFIC DIRECTIONS
Turfgrass	Armyworms	8 to 16 oz.	Treat entire area to obtain uniform coverage, giving particular attention to building perimeters, edges of sidewalks, and along porch and patio foundations. For best results, mow lawn, remove clippings, and thoroughly water area to be treated prior to application.
	Crickets		
	Cutworms		
	Darkling ground beetle		
	Grasshoppers		
	Mole crickets		
	Sowbugs		
Ornamental plants	Armyworms	8 to 16 oz.	Apply uniformly to soil around plants, shrubs, and trees. For best results, thoroughly water area to be treated prior to application.
	Crickets		
	Cutworms		
	Darkling ground beetle		
	Grasshoppers		
	Mole crickets		
	Sowbugs		

STORAGE AND DISPOSAL

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

STORAGE: Store in cool, dry place in original container. Protect from excessive heat. Once opened, do not store bag for prolonged period. In case of puncture, use overslip bag and securely close. Do not reuse container.

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