



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460  
DEC 9 1993

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Larry R. Hodges  
RHONE-POULENC AG COMPANY  
BOX 12014  
RESEARCH TRIANGLE PARK, N.C. 27709

Subject: Label Amendment Submission of 07/22/93 in Response to PR Notice 93-7  
EPA Reg. No. 264-312  
SEVIN CARBARYL 10% BAIT INSECTICIDE

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 paper that  
contains at least 50% recycled fiber

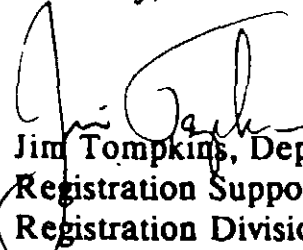
Submit the final printed labeling via the U.S. Postal Service to:

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

# SEVIN® brand 10% Bait Carbaryl Insecticide

For Control of Insect Pests

ACTIVE INGREDIENT: Carbaryl (1-naphthyl N-methylcarbamate)..... 10.04% by wt.

INERT INGREDIENTS: ..... 89.96% by wt.

EPA Reg. No. 264-312

EPA Est. No. 10352-GA-01

## KEEP OUT OF REACH OF CHILDREN CAUTION

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577  
For **PRODUCT USE** Information Call 1-800-334-9745

### STATEMENT OF PRACTICAL TREATMENT

**Carbaryl is an N-Methyl Carbamate Insecticide.**

**IF SWALLOWED:** Never give anything by mouth to an unconscious or convulsing person. If conscious and not convulsing, drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger.

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

**IF ON SKIN:** Wash thoroughly with soap and water.

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

#### ANTIDOTE STATEMENT

ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. See NOTE TO PHYSICIAN below.

#### GENERAL

Contact a physician immediately in all cases of suspected poisoning. Transport to a physician or hospital immediately and **SHOW A COPY OF THIS LABEL TO THE PHYSICIAN.**

#### NOTE TO PHYSICIAN

Carbaryl is an N-methyl 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 given 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, if needed, 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.

To aid in confirmation of a diagnosis, urine samples should be obtained within 24 hours of exposure and immediately frozen. Analyses will be arranged by Rhône-Poulenc Am Company.

Consultation on therapy can be obtained at all hours by calling the Rhône-Poulenc emergency number 1-800-334-7577.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS (& DOMESTIC ANIMALS)

#### CAUTION

MAY BE HARMFUL IF SWALLOWED. Avoid breathing of dust. Do not take internally. Avoid contact with eyes, skin, or clothing.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

DEC 9 1993

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

264-312

## 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 and maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. For terrestrial uses, 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 apply when weather conditions favor drift from area treated. Do not contaminate water by cleaning 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.

Read entire label before using this product.

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 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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 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 and shoes plus socks.

## 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.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

## STORAGE AND DISPOSAL

### STORAGE

Store unused SEVIN® brand 20% Bait Carbaryl Insecticide in original container only, in cool, dry area out of reach of children and animals. Do not store in areas where temperatures frequently exceed 100°F.

### PESTICIDE DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. 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 bag is burned, stay out of smoke.

**IMPORTANT PRE-HARVEST AND GRAZING USE INFORMATION**

Tolerances established under the Federal Food, Drug and Cosmetic Act permit the sale of crops bearing probable SEVIN® residues when carbaryl is used in accordance with label directions. If SEVIN® 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 illegal residues in milk or meat.

Do not plant rotational food and feed crops not listed on this or 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.

Broadcast applications may be made with either ground equipment or aircraft. Treatments may be repeated as necessary. Dosages from 10-20 pounds per acre of SEVIN® brand 10% Bait Carbaryl Insecticide will control cutworms, armyworms, crickets, darkling ground beetles, grasshoppers, molecrickets and sowbugs (pillbugs).

**FIELD AND VEGETABLE CROPS**

CROP	DOSAGE/ ACRE	PRE- HARVEST INTERVAL	SPECIFIC DIRECTIONS
Wheat	5 - 15 pounds	None (Forage) 21 Days (Grain)	Do not make more than 2 applications after grain heads emerge from boot. Do not apply within 21 days of harvest of grain. No time limitation on green wheat used as pasture or forage.
Cucumbers, squash, melons, peanuts	10 pounds	None	
Peas	15 pounds	3 Days	
Alfalfa, Cotton	15 pounds	7 Days	
Beans, carrots, corn, eggplants, okra, peppers, potatoes, tomatoes, and sweet corn	10 - 20 pounds	None	
Pastures, Rangeland, Wasteland	10 - 20 pounds	None	Treatment may be repeated as necessary. Lower rate is suggested for early instar grasshoppers cricket and armyworms on small plants or sparse vegetation. Use higher rate when grasshoppers and crickets are mature and armyworms are in late instars or when vegetation is dense.
Asparagus, strawberries	10 - 20 pounds	1 Day	
Broccoli, brussels sprouts, cabbage, cauliflower, cowpeas, head lettuce, garden beets (roots), horseradish, parsnips, radishes, rutabagas, and turnips (roots)	10 - 20 pounds	3 Days	
Sugar beets, collards, endive (escarole), garden beets (tops), kale, leaf lettuce, parsley, spinach, Swiss chard and turnips (tops)	10 - 20 pounds	14 Days	

**POULTRY HOUSES**

SITE	INSECT	OUNCES OF SEVIN® BRAND 10% BAIT/1000 SQUARE FT.	SPECIFIC DIRECTIONS
Poultry Houses (chickens, turkeys, ducks, geese, gamebirds, and pigeons)	Darkling beetle (Lesser mealworm or litter beetle)	24	<p>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.</p> <p>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 the two timings listed above should be made for heavy infestations. If only one application can be made, timing #1 should be followed.</p> <p>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 a flowable formulation of SEVIN® brand 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 SEVIN® brand carbaryl insecticide formulation used should be carefully followed. Avoid spraying of nests, eggs and feeding and watering units.</p> <p>Do not treat poultry, game birds or their premises within 7 days of slaughter.</p>

**TURFGRASS AND ORNAMENTAL PLANTS**

SITE	INSECT	OUNCES OF SEVIN® BRAND 10% BAIT/1000 SQUARE FT.	SPECIFIC DIRECTIONS
Turfgrass	Armyworms Crickets Cutworms Darkling ground beetle Grasshoppers Mole crickets Sowbugs	4 to 8	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.
Ornamental plants	Armyworms Crickets Cutworms Darkling ground beetle Grasshoppers Mole crickets Sowbugs	4 to 8	Apply uniformly to soil around plants, shrubs, and trees. For best results, thoroughly water area to be treated prior to application.

**BEST AVAILABLE COPY**

## LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

Rhône-Poulenc Ag Company  
P. O. Box 12014, 2 T. W. Alexander Drive  
Research Triangle Park, NC 27709

SEVIN is a registered trademark of Rhône-Poulenc.

SEVIN® brand 10% Bait Carbaryl Insecticide (PENDING) Submitted 7/22/93.

**BEST AVAILABLE COPY**