
	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 M St., S.W. Washington, D.C. 20460	EPA Reg. Number: 61282-16	Date of Issuance: JUN 04 1993	
	NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration	Term of Issuance: Until Reregistration		Name of Pesticide Product: Sevin Brand 5 $\frac{1}{2}$ Carbaryl Insecticide Bait
	(under FIFRA, as amended)			
Name and Address of Registrant (include ZIP Code): Hacco, Inc P.O. Box 7190 Madison, WI 53707				
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.				
On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.				
This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:				
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.				
2. Make the labeling changes listed below before you release the product for shipment bearing the amended label:				
a. Add the phrase "EPA Registration No. 61282-16" to your label before you release the product for shipment.				
b. Revise your Environmental Hazards paragraph to read:				
Signature of Approving Official:  Dennis H. Edwards, Jr. Product Manager 19 Insecticide-Rodenticide Branch Registration Division		Date: JUN 04 1993		

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This product is extremely toxic to aquatic and estuarine invertebrates and toxic to birds and other wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

3. Submit five copies of the revised labeling for this product before you release this product for shipment.

This acceptance of your label does not relieve you of any obligation to comply with the Worker Protection Standard (WPS). Under the WPS labeling regulations at 40 CFR part 156, subpart K, section 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS requirements after April 21, 1994, without amended labeling accepted by the Agency.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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,

DENNIS H. EDWARDS

Dennis H. Edwards, Jr.
Product Manager 19
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

SEVIN brand 5% Carbaryl Insecticide BAIT Granules

For Field, Fruit and Vegetable Crops
Lawn, Garden & Premise Insect Control
For Flowers, Ornamental Plant Beds, Turfgrass Lawns,
Use for Outdoor Pest Control
To Attract and Kill Insect Pests Listed on this Label

ACTIVE INGREDIENT:

Carbaryl (1-naphthyl N-methylcarbamate)..... 5%
INERT INGREDIENTS:95%
Total 100%

EPA Reg. No. 61282-

EPA Est. No. 61282-WI-1

SEVIN is the registered trademark of Rhone-Poulenc for carbaryl insecticides.

ACCEPTED
with COMMENTS
in EPA Letter Dated

KEEP OUT OF REACH OF CHILDREN {12 pt¹}

CAUTION {18 pt¹}

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

JUN - 4 1993

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

61282-16

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. Wash hands and face before eating. Wash thoroughly after handling.

ANTIDOTE STATEMENT

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

STATEMENT OF PRACTICAL TREATMENT

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.

IF SWALLOWED: Never give anything by mouth to an unconscious or convulsing person. If conscious and not convulsing, drink 1 to 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.

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.

¹Assumes a front panel of over 30 sq. in.

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 sedative should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water or wetlands. 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.

STORAGE AND DISPOSAL

STORAGE: Store unused product 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.

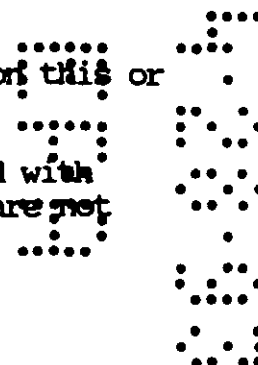
CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If bag is burned, stay out of smoke.

IMPORTANT PRE-HARVEST AND GRAZING USE INFORMATION.

Tolerances established under 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 direction, 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 meal.

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.

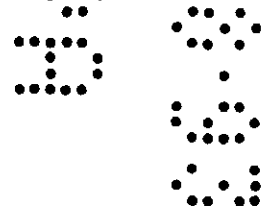


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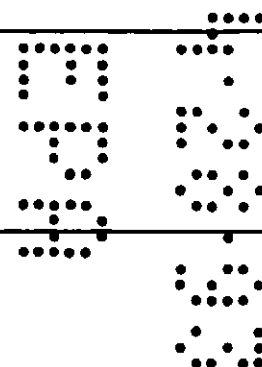
FIELD, FRUIT AND VEGETABLE CROPS

Broadcast applications may be made with either ground equipment or aircraft. Treatments may be repeated as necessary. Dosages from 20-40 pounds per acre of SEVIN brand 5% Carbaryl Insecticide Bait will control cutworms, armyworms, crickets, darkling ground beetles, grasshoppers, molecrickets and sowbugs (pillbugs).

CROP	DOSAGE/ ACRE	PRE- HARVEST INTERVAL	SPECIFIC DIRECTIONS
Wheat	20-30 pounds (7 1/3 - 11 ozs. per 1000 sq.ft.)	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 grain. No time limitation on green wheat used as pasture or forage.
Cucumbers, squash, melons, peanuts	20 pounds (7 1/3 ozs. per 1000 sq. ft.)	None	
Peas	30 pounds (11 ozs. per 1000 sq.ft.)	3 Days	
Alfalfa, Birdsfoot Trefoil (forage and Hay), Clover (pasture, forage), Cotton	30 pounds (11 ozs. per 1000 sq.ft.)	7 Days	
Beans, carrots, corn (field, sweet, pop) eggplants, okra, peppers, potatoes, Sorghum forage, Soybeans, Sweet potatoes, tobacco, tomatoes	20-40 pounds (7 1/3 - 14 2/3 ozs. per 1000 sq. ft.)	None	
Pastures, Rangeland, Wasteland	20-40 pounds (7 1/3 - 14 2/3 ozs. per 1000 sq. ft.)	None	Treatment may be repeated as necessary. Lower rate is suggested for early instar grasshoppers, crickets 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, apples, cherries, grapes, peaches, pears, plums	20-40 pounds (7 1/3 - 14 2/3 ozs. per 1000 sq. ft.)	1 Day	

(Field, Fruit and Vegetable Crops, continued)

CROP	DOSAGE/ ACRE	PRE- HARVEST INTERVAL	SPECIFIC DIRECTIONS
Broccoli, Brussels sprouts, cabbage, cauliflower, cowpeas, Kohlrabi, head lettuce, garden beets (roots), horseradish, parsnips radishes, rutabagas, salsify (roots) and turnips (roots), apricots and nectarines	20-40 pounds (7 1/3 - 14 2/3 ozs. per 1000 sq. ft.)	3 Days	
Sugar beets, celery, Chinese Cabbage, collards, dandelion endive (escarole), garden beets (tops), Hanover Salad Kale, leaf lettuce, mustard greens parsley, salsify (tops), spinach, Swiss chard and turnips (tops)	20-40 pounds (7 1/3 - 14 2/3 ozs. per 1000 1000 sq.	14 Days	
Citrus	20-40 pounds (7 1/3 - 14 2/3 ozs. per 1000 sq. ft.)	5 Days	
Sorghums (milo, grain sorghum, sweet sorghum, and hybrids)	20-40 pounds (7 1/3 - 14 2/3 ozs. per 1000 sq. ft.)	21 (Grain)	



CROP	DOSAGE/ ACRE	PRE- HARVEST INTERVAL	SPECIFIC DIRECTIONS
Oats, barley and rye (fall treatment)	20-40 pounds (7 1/3 - 14 2/3 ozs. per 1000 sq. ft.)		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 pounds (7 1/3 - 14 2/3 ozs. per 1000 sq. ft.)	60 (crop for oil, food or feed purposes) 0 (crop for seeding purposes only)	

POULTRY HOUSES

SITE	INSECT	OUNCES OF SEVIN brand 5% BAIT/1000 SQUARE FEET	SPECIFIC DIRECTIONS
Poultry Houses, (chickens, turkeys, ducks, geese, gamebirds, and pigeons)	Darkling beetle (Lesser mealworm or litter beetle)	48	<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 applica- tion 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, crevice and insulation around ventilation areas should be treated with a sprayable or 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.</p> <p>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>

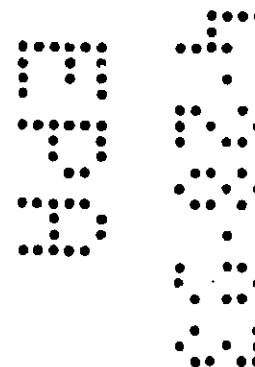
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LAWNS, RECREATIONAL, AND ORNAMENTAL TURF AREAS

For control of turfgrass pests, apply granules uniformly to the turf grass. For optimum control, follow specific directions for proper watering after application.

SITE	INSECT	OUNCES OF SEVIN brand 5% BATT/1000 SQUARE FEET	SPECIFIC DIRECTIONS
Turfgrass	Armyworms, Crickets, Cutworms, Darkling ground beetle, Grass- hoppers, Mole crickets, Sowbugs	8 to 16	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, Grass- hoppers, Mole crickets, Sowbugs	8 to 16	Apply uniformly to soil around plants, shrubs, and trees. For best results, thoroughly water area to be treated prior to application.
Lawns, Recreational & Ornamental Turf Areas	Ants, Centipedes, Chiggers, Chinch bugs, Earwigs, Essex skipper, European chafer, Fall army- worm, Fiery skipper, Fleas Green June beetle, Green June beetle grubs, Lawn moths (sod web- worm),	44 to 60	Treat entire area to obtain uniform coverage, giving particular attention to building perimeters, edges of sidewalks, and along porch and patio foundations. Use the lower rate before insects "build-up" and before turf is damaged. Use the higher rate when insects are numerous and turf damage is imminent. For best results mow lawn, remove clippings and apply material, then allow sprinklers to run for 15 minutes after application. Keep children and pets off treated area until grass is dry. Repeat application may be made at 30 day intervals or as needed for control of Sod Webworms, Chinch Bugs or Ants.



LAWNS, RECREATIONAL, AND ORNAMENTAL TURF AREAS (CONT.)

SITE	INSECT	OUNCES OF SEVIN brand 5% BAIT/1000 SQUARE FEET	SPECIFIC DIRECTIONS
	Leaf-hoppers Lucerne moth larvae, Millipedes, Spittle-bugs, Spring-tails, Ticks, Yellow-striped armyworm		

FOUNDATION "INSECT BARRIER" TREATMENT FLOWER BEDS, ORNAMENTAL PLANTINGS

Apply 1 pound per 1,000 Sq. Ft. (32'x32') to all soil areas for use as a contact and bait control of Earwigs, Cutworms, Armyworms, Crickets, Sowbugs, Millipedes, Ants; and for contact control of Fleas; around the outside of buildings, under porches and foundation crawl spaces, in and around flower and ornamental plantings, along soil cracks next to buildings and as an insect barrier in a band 5 feet wide surrounding the foundation. For the insect "Barrier" sprinkle 1/2 lb. of granules in a 5 foot wide band 100 feet in length (500 Sq. Ft.).

IMPORTED FIRE ANTS

For control of Imported Fire ants, apply two to four ounces to each mound. Immediately irrigate with a minimum of one gallon of water to flush the chemical from the granule to the inside of the mound. Do not use over two gallons of water, as flooding of the mound will result in poor control. Apply water gently to avoid disturbing ants and causing migration from the mound. For best results, apply in the early morning or late evening hours when ants are least active. Treat new mounds as they appear.

LIMITED WARRANTY AND DISCLAIMER

MANUFACTURER AND SELLER WARRANT THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER AND SELLER. IN NO CASE SHALL MANUFACTURER AND SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. . . .

EVER.

SEVIN brand Carbaryl Insecticide Bait Granules

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NET WEIGHT
POUNDS

MANUFACTURED BY
HACCO, INC.
BOX 7190
MADISON, WISCONSIN 53707 U.S.A.

9555