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61282-4

11/18/99

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Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 61282-4

SEVIN® Brand 10% 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 - CONTROLS FIRE ANTS

ACTIVE INGREDIENT:

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

INERT INGREDIENTS: 89.96% by wt.

TOTAL 100.00% by wt.

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

EPA Reg. No. 61282-4 EPA Est. No. 61282-WI-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

Carbaryl is an N-Methyl Carbamate Insecticide.

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.

Specific treatment consists of parenteral atropine sulfate. Caution should be maintained to prevent over atropinization. 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..

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

ANTIDOTE STATEMENT

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

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.

ENGINEERING CONTROLS STATEMENTS:

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. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into 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. 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.

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 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. The area being treated must be vacated by unprotected persons.

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 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, and corn 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 apply at greater rates or at more frequent intervals than stated on the label – to do so may result in illegal residues in crops, meat and milk.

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.

APPLICATION STATEMENT:

Calibrate and adjust application equipment to insure proper rate and accurate placement.

INSECT CONTROL:

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

FIELD, FRUIT AND VEGETABLE CROPS

CROP	DOSAGE/ ACRE	PRE-HARVEST INTERVAL	SPECIFIC DIRECTIONS
Asparagus	10-20 Pounds	1 Day	Repeat applications as necessary up to a total of 3 times prior to harvest or a total of 5 times per crop; but not more often than once every 3 days prior to harvest, nor more often than once every 7 days to ferns after harvest of spears. Do not apply more than a total of 60 pounds per acre before harvest of spears. Do not apply more than a total of 100 pounds per acre per year.
Beans, Cowpeas, Lentils, Peas	15 Pounds	3 Days (fresh beans or peas) 14 Days (forage) 21 Days (dried beans or peas, seed or hay)	Repeat applications as necessary up to a total of 4 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop. Do not allow grazing or feeding of cowpeas forage to livestock.
Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese cabbage, Collards, Kale, Mustard greens	10-20 Pounds	3 Days (Broccoli, Brussels Sprouts, Cabbage, Cauliflower) 14 Days (Collards, Chinese cabbage, Kale, Mustard greens)	Repeat applications as necessary up to a total of 4 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop.
Carrots, Garden Beets (roots), Horseradish, Parsnips, Potatoes, Radishes, Rutabagas, Salsify, Sweet Potatoes, Turnips (roots)	10-20 Pounds	7 Days	Repeat applications as necessary up to a total of 6 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop.
Corn (field and pop)	10-20 Pounds	14 Days (forage, silage) 48 Days (grain, fodder)	Repeat applications as necessary up to a total of 4 times but not more often than once every 14 days. Do not apply more than a total of 80 pounds per acre per crop.
Corn (sweet)	10-20 Pounds	2 Days (ears) 14 Days (forage) 48 Days (fodder)	Repeat applications as necessary up to a total of 8 times but not more often than once every 3 days. Do not apply more than a total of 160 pounds per acre per crop.
Cucumbers, Melons, Squash	10 Pounds	3 Days	Repeat applications as necessary up to a total of 6 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop.
Eggplant, Peppers, Tomatoes	10-20 Pounds	3 Days	Repeat applications as necessary up to a total of 7 times but not more often than once every 7 days. Do not apply more than a total of 80 pounds per acre per crop.
Endive (escarole), Garden Beets (tops), Lettuce (head and leaf), Parsley, Spinach, Swiss chard, Turnips (tops)	10-20 Pounds	14 Days	Repeat applications as necessary up to a total of 5 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop.
Grain Sorghum	10-20 Pounds	14 Days (grazing, forage) 21 Days (grain, fodder)	Repeat applications as necessary up to a total of 4 times but not more often than once every 7 days. Do not apply more than a total of 60 pounds per acre per crop.

CROP	DOSAGE/ ACRE	PRE-HARVEST INTERVAL	SPECIFIC DIRECTIONS
Strawberries	10-20 Pounds	7 Days	Repeat applications as necessary up to a total of 5 times but not more often than once every 7 days. Do not apply more than a total of 100 pounds per acre per crop. Carbaryl may injure Early Dawn and Sunrise varieties of Strawberries.
Sugar Beets	10-15 Pounds	28 Days (roots, forage)	Repeat applications as necessary up to a total of 2 times but not more often than once every 14 days. Do not apply more than a total of 30 pounds per acre per crop.
Wheat	5-15 Pounds	7 Days (forage) 21 Days (grain, straw)	Up to 2 applications can be made but not more often than once every 14 days. Do not apply more than a total of 30 pounds per acre per crop.

LAWNS, RECREATIONAL, AND ORNAMENTAL TURF AREAS

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

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.
Lawns, Recreational & Ornamental Turf Areas	Ants, Centipedes, Chiggers, Chinch bug, Earwigs, Essex skipper, European chafer, Fall armyworm, Fiery skipper, Fleas, Green June beetle, Green June beetle grubs, Lawn moths (sod webworm), Leafhoppers, Lucerne moth larvae, Millipedes, Spittlebugs, Springtails, Ticks, Yellow-striped armyworms	22 to 30	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.

**FOUNDATION "INSECT BARRIER" TREATMENT
FLOWER BEDS, ORNAMENTAL PLANTINGS**

Apply 1/2 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 1/4 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 one to two 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

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.

BUYERS' 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.

MANUFACTURED BY:

HACCO, INC.
P.O. Box 7190
Madison, WI 53707 U.S.A.

NET WEIGHT
POUNDS

SEVIN[®] brand 10% carbaryl

6/6

insecticide BAIT GRANULES

SUPPLEMENTAL LABELING

(CONTAINS ADDITIONAL INFORMATION WHICH MAY NOT APPEAR ON PACKAGE LABEL)

EPA REG. NO. 61282-4

EPA EST. NO 61282-WI-1

FOR USE IN POULTRY HOUSES

ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA REGISTERED LABEL ARE TO BE FOLLOWED.

THIS LABEL MUST BE IN POSSESSION OF USER AT THE TIME OF APPLICATION.

DIRECTIONS FOR USE

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

POULTRY HOUSES

SITE	INSECT	OUNCES OF SEVIN brand 10% BAIT/1000 SQUARE FEET	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 application 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 seven days of slaughter.</p>

HACCO, INC.

BOX 7190

MADISON, WISCONSIN 53707 U.S.A.

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