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Systems Integration Group, Inc.

PM04

264-312

6/11/99

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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.

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.

ANTIDOTE STATEMENT

ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended. See NOTE TO PHYSICIAN.

NOTE TO PHYSICIAN

Treat symptomatically. Overexposure to materials other than this product may have occurred.

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. Improve tissue oxygenation as much as possible before administering atropine to minimize the risk of ventricular fibrillation. 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 Ag 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. Keep out of reach of children and domestic animals.

ACCEPTED
JUN 11 1999
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 10% 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.

PREHARVEST AND GRAZING USE RESTRICTIONS AND LIMITATIONS

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 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 use reclaimed irrigation water from crops treated with carbaryl on upland crops for which carbaryl tolerances are not established.

Do not plant rotational food and feed crops not listed on this or other carbaryl labels in carbaryl treated soil.

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 AND VEGETABLE CROPS

CROP	POUNDS OF SEVIN® BRAND 10% BAIT/ACRE	PRE-HARVEST INTERVAL	SPECIFIC DIRECTIONS
Wheat	5 - 15	7 Days (Forage) 21 Days (Grain, Straw)	Up to 2 applications can be made but not more than often than once every 14 days. Do not apply more than a total of 30 pounds per acre per crop.
Cucumbers, Melons, Squash	10	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.
Beans, Cowpeas, Peas	15	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.
Grain Sorghum	10 - 20	14 Days (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	POUNDS OF SEVIN® BRAND 10% BAIT/ACRE	PRE-HARVEST INTERVAL	SPECIFIC DIRECTIONS
Asparagus	10 - 20	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. 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.
Broccoli, Brussel Sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard greens	10 - 20	3 Days (Broccoli, Brussel Sprouts, Cabbage, Cauliflower) 14 Days (Collards, 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.
Field Corn, Popcorn	10 - 20	14 Days (Forage) 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.
Sweet Corn	10 - 20	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.
Eggplant, Peppers, Tomatoes	10 - 20	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.
Carrots, Garden Beets (roots), Horseradish, Parsnips, Potatoes, Radishes, Rutabagas, Turnips (roots)	10 - 20	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.
Strawberries	10 - 20	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. Carpenter may injure Early Dawn and Sunrise varieties of Strawberries.
Endive, Garden Beets (tops), Lettuce (head and leaf), Parsley, Spinach, Swiss chard, Turnips (tops)	10 - 20	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.
Sugar Beets	10 - 15	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 60 pounds per acre per crop.

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.

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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.

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