

769-728

04/23/2004

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

APR 23 2004

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Carrie B. Crawford
Regulatory Affairs Manager
Value Garden Supply
Rt 2 Box 956
New Castle, VA 24127

Subject: Label Amendment: 2001-1 First Aid and Storage and Disposal
Sevin 5% Turf Insecticide Granules (Carbaryl)
EPA Reg. No. 769-728
Resubmission dated October 3, 2003

Dear Ms. Crawford:

The revised labeling referenced above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is accepted with the following comments:

- 1) Revise the Precautionary Statements to say "Harmful if swallowed absorbed through the skin or **inhaled**. Avoid breathing dust. Avoid contact with eyes, skin or clothing. **Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse**".
- 2) The Note to Physician should be updated to read "Carbaryl is an N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.
- 3) The Disposal statements must be revised per PR Notice 2001-6.

Please submit two copies of the final printed label for our records. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Akiva Abramovitch".

Akiva Abramovitch, Ph.D.

Chemist

Insecticide-Rodenticide Branch

SEVIN® brand carbaryl insecticide 5% TURF INSECTICIDE GRANULES

2/4

INSECT CONTROL FOR AROUND HOMES, LAWNS, GARDENS and RECREATIONAL TURF
CONTROLS: FIRE ANTS, LYME DISEASE TICKS, FLEAS, ANTS and OTHER INSECTS as listed

Active Ingredient:	
Carbaryl (1-Naphthyl N-methylcarbamate).....	5.0%
Inert Ingredients:.....	95.0%
Total	100.0%

Sevin® is a registered trademark of Rhone-Poulenc for carbaryl insecticide

EPA Reg. No. 769-728

NET CONTENTS:

EPA EST. NO. 1618-MO-1

ACCEPTED with COMMENTS

KEEP OUT OF REACH OF CHILDREN
CAUTION

In EPA Letter Dated:

APR 23 2004

"PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta sea traducida ampliamente"

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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals:

769-728

CAUTION: Harmful if swallowed or absorbed through the skin. Avoid breathing dusts. Do not take internally. Avoid contact with eyes, skin or clothing.

FIRST AID

Carbaryl is an N-methyl carbamate and is a cholinesterase inhibitor.

- If swallowed:**
 - Call poison control center or doctor immediately for treatment advice.
 - Have person sip a glass of water if able to swallow.
 - Do not induce vomiting unless told to do so by the poison control center or doctor.
 - Do not give anything by mouth to an unconscious person.
- If on skin or clothing:**
 - Take off contaminated clothing.
 - Rinse skin immediately with plenty of water for 15-20 minutes.
 - Call a poison control center or doctor for treatment advice.
- If inhaled:**
 - Move person to fresh air.
 - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
 - Call a poison control center or doctor for further treatment advice.
- If in eyes:**
 - Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.
 - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
 - Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal. Do not use 2-PAM, opiates or cholinesterase inhibiting drugs.

For information on this product (including health concerns, medical emergencies or pesticide incidents) call the National Pesticide Information Center at 1-800-858-7378.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Manufactured By:
Value Garden Supply, LLC.
P. O. Box 585
St. Joseph, MO 64502

USER SAFETY REQUIREMENTS

- Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when applying this product.
- Change clothing as soon as possible after use.
- Wash the outside of gloves before removing. As with any pesticide product, wash hands thoroughly immediately after handling and before eating, smoking or using the toilet.
- Do not allow children or pets to contact treated area until dust has settled.

STORAGE AND DISPOSAL

STORAGE: Store pesticide in original container and place in a locked storage area. Opened pesticide containers should be securely resealed prior to storage. Protect from penetration of moisture, excessive heat or cold. Avoid cross-contamination with other pesticides or fertilizers. Use caution when storing pesticides in stacks.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **DO NOT USE INDOORS.**

GENERAL DIRECTIONS

For Lawns, Ornamentals & Recreational Turf

Use when insects first appear and/or plant damage is imminent. For best results, mow lawn first and then apply material. Irrigate or instruct the property owner to irrigate ¼" to wash the applied material into the grass. See water limitations for sod webworms. Keep children and pets of treated areas until grass is dry. Repeat applications every 7 days, if necessary to control new insect infestations.

SURFACE FEEDING INSECTS

FOR: Ants, Armyworms, Centipedes, Chiggers, Cutworms, Earwigs, Fall Armyworms, Fiery Skippers, Grasshoppers, Green June Beetle Grubs, June Beetles, Leafhoppers, Lucerne Moth Larvae, Millipedes, Sowbugs, Spittle Bugs, Springtails, Ticks and Yellow-striped Armyworms. Apply 1 lb. per 1,100 sq. ft. when insects become a problem or their damage is imminent. This is equivalent to 2 lbs. carbaryl per acre.

CHINCH BUGS AND SOD WEBWORMS

Apply 0.9 lbs./1,000 sq. ft. (1 lb. per 1,100 sq. ft.) of turf which is equal to 2 lbs. carbaryl/acre. For chinch bugs treat entire area to prevent their migration. For sod webworms do not irrigate treated areas for 24 to 48 hours after treatment. Repeat applications may be made at 30-day intervals for control of new infestations. For heavy infestations double the rate to 1.8 lbs. per 1,000 sq. ft and treat entire area.

VEGETABLE WEEVIL ON DICHONDRA

Apply 3.6 lbs. per 1,000 sq. ft. in December, January or early February and repeat in 8 weeks. Water area following application.

ROOT FEEDING INSECTS

FOR CONTROL OF WHITE GRUBS (SUCH AS JAPANESE BEETLE, CHAFER BEETLES AND PHYLLOPHAGA spp. LARVAE) BLUEGRASS BILLBUGS, FLEAS, EUROPEAN CRANE FLY LARVAE, MOLE CRICKETS AND BLACK TURFGRASS ATAENIUS

Apply 1.8 to 3.6 lbs. per 1,000 sq. ft. of turf area (equal to 4 to 8 lbs. A.I./acre) during late March through May or July to early September when grubs are feeding near the soil surface. Use the higher rate for mature grubs and mole crickets. Water or irrigate turf thoroughly soon after treatment to move the insecticide into the root feeding zone. See General Directions. For crane fly larvae apply at the same rate in early spring, April 1st to April 15th, or as recommended by the local Extension Service. Irrigate area after treatment to insecticide into root feeding zone.

FOR FLOWERING PLANTS AND SHRUBS IN LANDSCAPE and FOUNDATION PLANTINGS

For Cutworms, Armyworms, Sowbugs, Millipedes and Centipedes which attack ornamental and flowering plants in shrubbery and foundation plants apply 1.8 lbs. granules evenly over 1,000 sq. ft. (20x50ft.). Repeat 3 times per year, if necessary, but not more often than every 7 days.

SPREADER SETTINGS

SPREADER	LBS. OF PRODUCT PER 1,000 SQ. FT.		
	0.9 lbs.	1.80 lbs.	3.6 lbs.
Cyclone B 1	3	4	5 ¼
Scott Rotary R-8	B ½	C ½	F
Scott Drop Spreader	3.75	4 ¼	6

TREAT LAWNS AND PERIMETER WOODED AREAS
FOR CONTROL OF TICKS THAT VECTOR LYME DISEASE

For control of juvenile and adult *Ixodes* spp. (Deer Tick and Black-Legged Tick) and *Amblyomma* spp. (Lone Star Ticks) which vector Lyme Disease apply granules at the rate of 2.7 to 3.6 lbs. of product per 1,000 sq. ft. using appropriate equipment to ensure uniform coverage. Target applications to control juvenile ticks (larvae and nymphs) in late spring or early summer (May/June). Control of adult ticks can be achieved with late summer and fall applications (Aug./Sept.). Make applications to lawns, shrub beds, ornamental plantings, wooded areas and around outside perimeters of homes and other buildings. Do not make spot applications. Treat entire lawn and perimeters of wooded areas and property boundaries where exposure to ticks may occur. For optimum results, irrigate treated areas after application to remove chemical from the granules. Ticks may be reintroduced from surrounding areas on host animals. Retreat weekly, if necessary, to maintain adequate control.

NUISANCE PEST CONTROL AROUND THE OUTSIDE OF
HOMES, PORCHES, PATIOS AND BUILDINGS

For control of Ants, Armyworms, Ticks, Cutworms, Centipedes, Crickets, Earwigs, Firebrats, Silverfish, Fleas, Millipedes, Sowbugs, Scorpions and Spiders: apply granules uniformly in an 8 ft. band around the building. Apply granules at the rate of 1 lb. per 1,100 sq. ft. to shrub and flowerbeds, foundations, ornamental plantings and lawn and soil areas immediately adjacent to the building. For most effective control treated area should be lightly watered after applications to remove the chemical from the granules. Repeat applications weekly, if necessary, to control new infestations.

FIRE ANT CONTROL/MOUND TREATMENT

For control of fire ants in mounds occurring in lawns, turf and premise areas apply 2 to 3 oz. (8 to 12 tablespoons) of granules over and around each mound. Then gently sprinkle the treated area with about 1 gallon of water to release the chemical from the granules. Do not wash granules away from mound. For best results, apply in cool weather (65° to 80° F) or early morning or late afternoon. Treat new mounds as they appear.

CONTROL OF SOIL SURFACE INSECTS IN GARDENS

[Pre-Harvest Interval is shown in parenthesis "()" after each crop or crop grouping. This number indicates the days between the last application and harvest of crop]

INSECTS	CROP and PRE-HARVEST LIMIT	RATE
Armyworms	Asparagus (1), Beans [succulent	Application rate not to exceed 0.75 lbs. of product per 1,100 sq. ft. for Beans. Do not exceed 0.5 lbs. of product per 1,100 sq. ft. for Okra. For the remainder of the crops apply at a rate of 1 lb. of product per 1,100 sq. ft. of soil surface. Repeat at weekly intervals if
Crickets	(3), dried and hay (21), forage (14)	
Cutworms	Carrots (7), Corn, sweet ears (2),	
Darkling ground beetle	Okra (3), Tomatoes (3), Eggplant (3), Potatoes (7), Peppers (3),	
Sowbugs	Beets (roots (7), tops (14), Broccoli (3), Brussels Sprouts (3), Cabbage (3), Cauliflower (3), Lettuce (14), Horseradish (7), Parsnips (7), Radishes (7), Rutabagas (7), Turnips, (roots (7), tops (14)	

IMPORTANT: Read these entire Directions and Conditions of Sale before using this product. DISCLAIMER: Value Garden Supply, LLC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions For Use, subject to the inherent risks referred to above. Value Garden Supply makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty. In no case shall Value Garden Supply be liable for consequential, special, or indirect damages resulting from the use, handling or application of this product.