



769-728

8/2/2000

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

AUG 2 2000

Richard W. Fresh
Consep, Inc., A Subsidiary of Verdant Brands, Inc.
213 SW Columbia Street
Bend, Oregon 97702-1013

Subject: SMCP Sevin brand carbaryl insecticide 5% Turf Insecticide Granules
EPA Registration No. 769-728
Resubmission amendment dated May 2, 2000 in Response to GDE.

Dear Mr. Fresh:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below before you release the product for shipment bearing the amended labeling:

1. In the statement below the product name on the first page, place a comma between the pests "Fleas Ants" so that it reads "....Ticks, Fleas, Ants, and Other Insects as listed".
2. On page 2 in the heading "Surface Feeding Insects" correct the spelling of "mothe larvae" to "moth larvae".
3. Under the heading "For Control Of Ticks That Vector Lyme Disease" correct the spelling of Amblyommia to "Amblyomma".
4. On the last page under "Rate" place the word "for" between 1,100 sq. ft. and Beans so that it reads "Application rate not to exceed 0.75 lbs of product per 1,100 sq. ft. for beans".

Submit two copies of your final printed labeling before you release the product for shipment. A stamped copy is enclosed for your records.

Sincerely,

George Tompkins
George Tompkins, Ph.D., Entomologist
Insecticide-Rodenticide Branch
Registration Division (7505C)

SEVIN® brand carbaryl insecticide 5% TURF INSECTICIDE GRANULES

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%
Other Ingredients:.....	95.0%
Total:	100.0%

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

EPA Reg. No. 769-728

EPA Est. No.

Keep Out Of Reach Of Children

CAUTION

“PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente”

PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals: 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

This product is an N-methyl carbamate and is a cholinesterase inhibitor.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. IF ON SKIN: Wash thoroughly with soap and water. IF INHALED: Remove victim to fresh air. IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

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

ENVIRONMENTAL HAZARDS

This pesticide 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.

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.

Net Wt.

For information on this product (including health concerns, medical emergencies or pesticide incidents) call the National Pesticide Telecommunications Network at 1-800/858-7378. If you are not completely satisfied with this product, or for consumer information, call (952) 703-3300 weekdays 9-5 Central Time to arrange a refund for the purchase price or replacement of the product. Proof of purchase is required. NOTICE: Buyer assumes all responsibility for safety and use not in accordance with label directions.

Manufactured for:
Verdant Brands, Inc.
9555 James Ave., South, Suite 200
Bloomington, MN 55431

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

AUG 2 2000

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

769-728

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 1/4" to wash the applied material into the grass. See watering limitations for sod webworms. Keep children and pets off 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 mothe larvae, millipedes, sow bugs, spittle bugs, springtails, ticks and yellow-striped armyworms. Apply 1 pound per 1,100 sq. ft. when insects become a problem or their damage is imminent. This is equivalent to 2 lbs. carbaryl per acre.

FOR CHINCH BUGS AND SOD WEBWORMS

Apply 0.9 lbs./1,000sq. 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.

FOR 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 1 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 plantings 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	SPREADER SETTINGS		
	LBS OF PRODUCT PER 1,000 SQ. FT.		
	0.9 lbs	1.80 lbs	3.6 lbs.
Cyclone B 1	3	4	5 1/4
Scott Rotary R-8	B 1/2	C 1/2	F
Scott Drop Spreader	3.75	4 1/4	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 lawns 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, and silverfish, fleas, milipedes, sowbugs, scorpions and spiders; apply granules uniformly in an 8 foot band around the building. Apply granules at the rate of 1 lb. per 1,100 sq. ft. to shrub and flower beds, 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 to 2 to 3 ounces (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	Crops and Pre-Harvest Limit	Rate
Armyworms	Asparagus (1), Beans [succulent	Application rate not to exceed 0.75
Crickets	(3), dried and hay (21), forage (14)	Lbs. of product per 1,100 sq. ft.
Cutworms	Carrots (7), Corn (sweet ears 2),	Beans.
Darkling ground beetle	Okra (3), Tomatoes (3), Eggplant	Do not exceed 0.5 lbs. of product
Sowbugs	(3), Potatoes (7), Peppers (3),	Per 1,100 sq. ft. for okra.
	Beets (roots 7, tops 14), Broccoli	For the remainder of the crops
	(3), Brussels Sprouts (3), Cabbage	apply at a rate of 1 lb. of product
	(3), Cauliflower (3), Lettuce (14),	per 1,100 sq. ft. of soil surface.
	Horseradish (7), Parsnips (7),	Repeat at weekly intervals if
	Radishes (7), Rutabagas (7),	necessary.
	Turnips (roots 7, tops 14)	