

9198-146

4/14/2003

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



OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

APR 14 2003

Ms. Dawn Walters
The Andersons Inc.
PO Box 119
Maumee, OH 43537

Dear Ms. Walters:

Subject: Revised Labeling per PR Noticed 2001-1 and 2001-6
The Andersons 8% Granular Sevin
EPA Registration No. 9198-146
Your Submission Dated November 13, 2002

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

1. Revise the Note to Physician as follows: "Carbaryl is a N-methyl carbamate the inhibits cholinesterase. Atropine is antidotal. Do not use 2-PAM (pyridene-2-aldoxime methiodide), opiates or cholinesterase inhibiting drugs. Probable mucosal damage may contraindicate the use of gastric lavage."
2. Revise the Precautionary Statements as follows: "Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing before reuse."

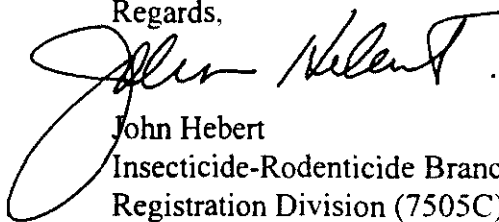
The paragraph "Applicators and other handlers must wear.....put on clean clothing" more appropriately belongs in a User Safety Requirements section.

3. Under Directions for Use for tick control delete *Amblyomma spp.* ticks. This species is not known as a Lyme disease vector.
4. Please provide the homeowner with a clear, easy to understand explanation of "preharvest interval."

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A stamped copy is enclosed for your records. If you have any questions, please contact me at (703) 308-6249 or hebert.john@epa.gov.

Regards,

A handwritten signature in black ink, appearing to read "John Hebert". The signature is written in a cursive style with a large, looping initial "J".

John Hebert
Insecticide-Rodenticide Branch
Registration Division (7505C)

ACCEPTED
with COMMENTS
In EPA Letter Dated:

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APR 24 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.

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THE ANDERSONS 8.0% GRANULAR SEVIN®

Active Ingredient:

Carbaryl (1-naphthyl N-methylcarbamate) 8.0%

Inert Ingredients: 92.0%

Total: 100.00%

SEVIN is a registered trademark of Aventis Crop Protection

EPA REG. NO. 9198-146

EPA Est. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A

Underlined letter is first letter used in run code on bag

Optional marketing claims:

For lawns

Soil & Turf Insect Control

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel For Additional Precautionary Statements

NET WEIGHT _____ LBS.

TREATS UP TO _____ SQ. FT.

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(Back panel)

NET WEIGHT _____ LBS.
TREATS UP TO _____ SQ. FT.

THE ANDERSONS 8.0% GRANULAR SEVIN®

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. Avoid breathing dust. Do not take internally. Avoid contact with eyes, skin or clothing. Keep out of reach of children and domestic animals.

Applicators and other handlers must wear long-sleeved shirt and long pants, and shoes plus socks. Keep and wash PPE separately from other laundry, use detergent and hot water. Wash thoroughly with soap and water after handling this product, and 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.

First Aid

Carbaryl is an N-Methyl Carbamate Insecticide.

GENERAL:

Contact a physician immediately in all cases of suspected poisoning. Transport patient to a physician or hospital immediately and **SHOW A COPY OF THIS LABEL TO THE PHYSICIAN.** If poisoning is suspected in animals, contact a veterinarian.

If swallowed	Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
If in eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contacts, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
If on skin	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 mouth-to-mouth if possible. 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. You may also contact 1-800-757-8951 for emergency medical treatment information.	

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

NOTE TO PHYSICIAN:

Carbaryl is an N-methyl carbamate insecticide, which is a cholinesterase inhibitor. Atropine is antidotal. Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.

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ENVIRONMENTAL HAZARDS

For homeowner use:

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water. Do not contaminate water by cleaning equipment or by disposal of wastes.

For commercial use:

This product is extremely toxic to aquatic and estuarine invertebrates. 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 contaminate water by cleaning equipment or by disposal of wastes.

DIRECTIONS FOR USE

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

Read entire label before using this product.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns.

LAWNS, RECREATIONAL, AND ORNAMENTAL TURF AREAS

For control of turf grass pests, apply granules uniformly to the turf grass. For optimum control, follow specific directions for proper watering or irrigation after application. Do not allow public use of treated area during application.

PEST		LBS OF PRODUCT PER 1,000 SQ. FT.	SPECIFIC DIRECTIONS	
Ants	Green June Beetle	1.7 to 2.4	For general insect control, apply granules uniformly when grass is dry.	
Armyworms	Green June Beetle			
Centipedes	Grubs		For most effective control, lawn should be watered lightly after application to remove chemical from the granule.	
Chiggers	Lawn Moths (Sod Webworm)			
Chinch Bugs	Leafhoppers			
Crickets	Lucrene Moth			
Cutworms	Larvae			Repeat applications may be made as needed to control new infestations.
Darkling Ground Beetles	Millipedes			
Earwigs	Sowbugs			
Essex Skipper	Spittlebugs			
European Chafer	Springtails			
Fall Armyworm	Ticks			
Fiery Skipper	Yellowstriped Armyworms			
Fleas				
Grasshoppers				

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PEST	LBS OF PRODUCT PER 1,000 SQ. FT.	SPECIFIC DIRECTIONS
White Grubs (such as Japanese Beetle Grubs, Chafer Beetles, <i>Phyllophaga</i> spp. Grubs and Annual White Grubs) Bluegrass billbugs larvae European crane fly larvae	2.4	For white grub control, applications should be made when grubs are feeding near the soil surface, usually during late March through May or July to early September, or as recommended by local agricultural extension agents. For more effective control, turf should be watered thoroughly after treatment to remove the chemical from the granules. Repeat applications may be made as needed to control new infestations.

IMPORTED FIRE ANT CONTROL

For use as a mound treatment to control Imported Fire Ants, apply 1.2 to 2.4 ounces by weight over and around each mound. Irrigate mound thoroughly immediately after treatment to remove the chemical from the granules and flush it down into the mound. A minimum of 1 gallon of water should be applied to each mound, but do not use more than 2 gallons of water as flooding of the mound may result. Apply water gently to avoid disturbing ants and causing migration before the chemical can be effective. For best results, apply when ants are least active (65° to 80° F), or in early morning or late evening hours. Treat new mounds as they appear.

CONTROL OF TICKS WHICH TRANSMIT LYME DISEASE

For control of juvenile and adult Ixodes spp. Ticks (Deer Tick, Bear Tick, and Black Legged Tick) and Amblyomma spp. Ticks (Lone Star Tick). Apply granules at the rate of 2.0 to 2.4 pounds of formulated product per 1,000 square feet.

Begin applications in late spring or early summer (May/June). Uniformly apply granules to entire lawn, perimeter wooded areas, and property boundaries including shrub beds, ornamental plantings, and wooded areas where exposure to ticks may occur. For optimum results, irrigate treated areas after application to remove chemical from the granules.

NUISANCE PEST CONTROL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND BUILDINGS

For control of Ants, Armyworms, Ticks, Centipedes, Crickets, Cutworms, Earwigs, Firebrats, Silverfish, Fleas, Millipedes, Sowbugs, Scorpions, and Spiders; apply granules uniformly in a 6 foot band around the building. Apply granules at the rate of 4.6 ounces per 120 square feet (6 X 20 foot band) to shrub and flower beds, foundations, ornamental plantings, and lawn or soil areas immediately adjacent to the building. For most effective control, treated areas should be lightly watered after application to remove the chemical from the granules. Repeat treatments as necessary to control new infestations.

FRUIT AND VEGETABLE CROPS (Not Recommended for Sale or Use in California)

For control of Ants, Centipedes, Crickets, Cutworms, Earwigs, Grasshoppers, Millipedes, Sowbugs (Pillbugs), Springtails and Ticks, refer to Use Rate chart below for application information for various commodities. Apply recommended rate of product evenly over the soil surface. Water lightly after application to release the chemical from the granules. Applications may be made at any time before, during and after the growing season. If applying during the growing season, observe indicated pre-harvest intervals (PHI).

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Use rates for The Andersons 8.0% Granular Sevin

Commodity	Use Rate
Asparagus	<p>Application to Spears:</p> <ul style="list-style-type: none"> • Maximum single application rate of 0.6 lbs per 1,000 sq. ft. (2 lb ai/acre) per application • Maximum seasonal application rate of 1.7 lbs per 1,000 sq. ft. (6 lb ai/acre) per crop <p>Application to Ferns (after harvest of spears):</p> <ul style="list-style-type: none"> • Maximum single application rate of 0.6 lbs per 1,000 sq. ft. (2 lb ai/acre) per application • Maximum seasonal application rate of 1.1 lbs per 1,000 sq.ft. (4 lb ai/acre) per crop • Retreatment interval = 7 days when applied to ferns after harvest • Retreatment interval = 3 days when application are to spears • PHI = 1 day • The total maximum seasonal application rate for spears and ferns is 2.8 lbs per 1,000 sq.ft. (10 lb ai/acre) per crop • The total number of application is 3 prior to harvest with 2 additional applications to ferns only
Beans, fresh and dried (snap, navy and kidney); pea, fresh and dried; cowpea, lentil	<ul style="list-style-type: none"> • Maximum single application rate of 0.4 lbs per 1,000 sq. ft. (1.5 lb ai/acre) per application • Maximum season application rate of 1.7 lbs per 1,000 sq. ft. (6 lb ai/acre) per crop • Retreatment interval = 7 days • PHI = 3 days (succulents) • PHI = 21 days (dried) • PHI = 14 days (forage) • PHI = 21 days (hay)
Garden beets (roots), carrots, horseradish, radish, parsnip, rutabaga, salsify, turnips (roots)	<ul style="list-style-type: none"> • Maximum single application rate of 0.6 lbs per 1,000 sq. ft. (2 lb ai/acre) per application • Maximum seasonal application rate of 1.7 lbs per 1,000 sq. ft. (6 lb ai/acre) per crop • Retreatment interval = 7 days • PHI = 7 days • Total number of applications per crop can be 6 (some of which must be at lower than maximum single application rate)
Mustard greens	<ul style="list-style-type: none"> • Maximum single application rate of 0.4 lb per 1,000 sq.ft. (1.5 lb ai/acre) per application • Maximum seasonal application rate of 1.7 lb per 1,000 sq.ft. (6 lb ai/acre) per crop • Retreatment interval = 7 days • PHI = 13 to 14 days • Total number of applications/crop can be 4 (some of which must be at lower than maximum single application rate)

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Brussels sprouts, broccoli, cabbage, cauliflower, Chinese cabbage, collards, kale, kohlrabi	<ul style="list-style-type: none"> • Maximum single application rate of 0.6 lbs per 1,000 sq. ft. (2 lb ai/acre) per application • Maximum seasonal application rate of 1.7 lbs per 1,000 sq. ft. (6 lb ai/acre) per crop • Retreatment interval = 7 days • PHI = 3 days (Brussels sprouts, broccoli, cabbage, kohlrabi, cauliflower) • PHI = 14 days (Chinese cabbage, kale, collards) • Total number of applications/crop can be 4 (some of which must be at lower than maximum single application rate)
Corn (field and pop)	<ul style="list-style-type: none"> • Maximum single application rate of 0.6 lbs per 1,000 sq. ft. (2 lb ai/acre) per application • Maximum seasonal application rate of 2.3 lbs per 1,000 sq. ft. (8 lb ai/acre) per crop • PHI = 14 days (forage, silage) • PHI = 48 days (grain, fodder)
Corn (sweet)	<ul style="list-style-type: none"> • Maximum single application rate of 0.6 lbs per 1,000 sq. ft. (2 lb ai/acre) per application • Maximum seasonal application rate of 4.6 lbs per 1,000 sq. ft. (16 lb ai/acre) per crop • Retreatment interval = 3 days • PHI = 2 days (ears) • PHI = 14 days (forage) • PHI = 48 days (fodder)
Cucumber, melon, squash	<ul style="list-style-type: none"> • Maximum single application rate of 0.3 lbs per 1,000 sq. ft. (1 lb ai/acre) per application • Maximum seasonal application rate of 1.7 lbs per 1,000 sq. ft. (6 lb ai/acre) per crop • Retreatment interval = 7 days • PHI = 3 days
Lettuce, head and leaf; endive, celery, dandelion, parsley, spinach, Swiss chard, Hanover salad, garden beets (tops), turnips (tops)	<ul style="list-style-type: none"> • Maximum single application rate of 0.6 lbs per 1,000 sq. ft. (2 lb ai/acre) per application • Maximum seasonal application rate of 1.7 lbs per 1,000 sq. ft. (6 lb ai/acre) per crop • Retreatment interval = 7 days • PHI = 14 to 15 days • Total number of applications/crop can be 5 (some of which must be at lower than maximum single application rate)
Potato	<ul style="list-style-type: none"> • Maximum single application rate of 0.6 lbs per 1,000 sq. ft. (2 lb ai/acre) per application • Maximum seasonal application rate of 1.7 lbs per 1,000 sq. ft. (6 lb ai/acre) per crop • Retreatment interval = 7 days • PHI = 7 days • Total number of applications/crop can be 6 (some of which must be at lower than maximum single application rate)

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Strawberry	<ul style="list-style-type: none"> • Maximum single application rate of 0.6 lbs per 1,000 sq. ft. (2 lb ai/acre) per application • Maximum seasonal application rate of 2.8 lbs per 1,000 sq. ft. (10 lb ai/acre) per crop • Retreatment interval = 7 days • PHI = 7 days
Tomato, pepper, eggplant	<ul style="list-style-type: none"> • Maximum single application rate of 0.6 lbs per 1,000 sq. ft. (2 lb ai/acre) per application • Maximum seasonal application rate of 2.3 lbs per 1,000 sq. ft. (8 lb ai/acre) per crop • Retreatment interval = 7 days • PHI = 3 days • Total number of applications/crop can be 7 (some of which must be at lower than maximum single application rate)

STORAGE AND DISPOSAL

For homeowner use:

STORAGE: Store unused product in original container only, in cool, dry area out of the reach of children and animals. Keep container closed and away from food, feedstuffs and domestic water supplies. Do not store in areas where temperatures frequently exceed 100° F.

DISPOSAL:

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

For commercial use:

STORAGE: Store unused product in original container only, in cool, dry area out of the reach of children and animals. Keep container closed and away from food, feedstuffs and domestic water supplies. Do not store in areas where temperatures frequently exceed 100° F.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty bag. Discard bag in trash.

SUGGESTED SPREADER SETTINGS

(available at final printing)

IMPORTANT: The above spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied and roughness of terrain. Calculate the size of the area to be treated and do not over or under apply. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust the spreader setting, if necessary, in order to assure correct rate of application. Close spreader when filling, stopping or turning, do not hand spread.

Broadcast spreaders

For best results, apply in a circular path starting on the outside and working toward the center. A little overlap of product will ensure complete coverage. *[diagram of path] [listing of settings]*

Drop spreaders

First apply 2 border strips along the edge of each end of the lawn. Then apply product along the length of the lawn, overlapping slightly and shutting off the spreader before turning as you reach the edge of the border strips. *[diagram of path] [listing of settings]*

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To determine square footage of application area, follow calculation chart. [lawn/turf diagram]

- ___ length
- x ___ width
- = ___ Total Sq. Ft.
- ___ Non-lawn areas
- = ___ Total Sq. Ft.

IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or Buyer accepts the following Warranty Disclaimer and Limitation of Liability:

WARRANTY DISCLAIMER and LIMITATION of LIABILITY:

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Where permissible, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

LEGAL RIGHTS:

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/JURISDICTION TO STATE/JURISDICTION. (RVnot111201)

Manufactured by:
THE ANDERSONS LAWN FERTILIZER DIVISION, Inc.
D/b/a Free Flow Fertilizer, Inc.
P.O. BOX 119
MAUMEE, OHIO 43537

Date Printed	11/12/02
Date Approved	12/16/99
Supersedes	9/27/94
Label Change	Amendment - first aid, storage, split label
Filename	9198-146
Label code	RVnot111201

