



DEC 16 1999

Dawn L. Walters  
The Andersons Lawn Fertilizer Division  
d/b/a Free Flow Fertilizer  
P.O. Box 119  
Maumee, OH 43537

Subject: The Andersons 8.0% Granular Sevin  
EPA Registration No. 9198-146  
Amendment dated September 21, 1999  
Label amendments as per the GDE dated August 6, 1999.

Dear Ms. Walters:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), 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. Change the heading on page 4 from "INSECT" to "PEST" under "Lawns, Recreational, and Ornamental Turf Areas" since several of the listed pests are not insects (chiggers, centipedes, millipedes, ticks, etc.).
2. On page 5, under the crop asparagus, correct the spelling of "ferts" to "ferns". On this same page in the next sentence correct the word "sis" to "is" so that the sentence reads "The total number of applications is 3 prior to harvest with 2 additional applications to ferns only."
3. On page 5 correct the spelling of "dyas" to "days" in the directions for use for the crop Beans. In the directions for use for the crops Beans, Garden beets., Brussels sprouts., Corn, Cucumber., Lettuce., Potato, Strawberry, Tomato., correct the spelling of "seasonl" to "seasonal".

A stamped copy is enclosed for your records. You must submit two copies of your final printed labeling with the above specified corrections and without the cross outs of deleted portions from the previous label before you release the product for shipment.

Sincerely,

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



Recycled/Recyclable  
Printed on paper that contains  
at least 75% recycled fiber

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(FRONT PANEL)

# THE ANDERSONS 8.0% GRANULAR SEVIN<sup>(R)</sup>

**Active Ingredient:**

Carbaryl (1-naphthyl N-methylcarbamate) ..... 8.0%

**Inert Ingredients:** ..... 92.0%

**Total:** ..... 100.00%

SEVIN is a registered trademark of Rhone-Poulenc

EPA REG. NO. 9198-146  
EPA EST. NO. 9198-OH-1

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

**DEC 16 1999**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
9198-146

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

**See Back Panel For Additional Precautionary Statements**

NET WEIGHT \_\_\_\_\_ LBS.

TREATS UP TO \_\_\_\_\_ SQ. FT.



3 7 9

(BACK PANEL)

NET WEIGHT \_\_\_\_\_ LBS.

TREATS UP TO \_\_\_\_\_ SQ. FT.

# THE ANDERSONS 8.0% GRANULAR SEVIN<sup>®</sup>

## 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.

### STATEMENT OF PRACTICAL TREATMENT

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.

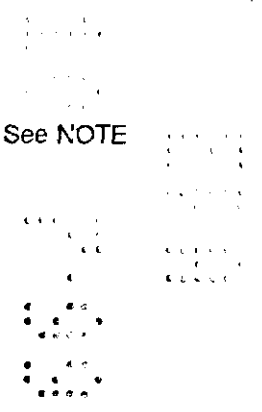
**IF SWALLOWED:** Never give anything by mouth to an unconscious person. If conscious and not convulsing, drink 1 to 2 glasses of water and induce vomiting by touching back of the throat with finger.

**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.

**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.

**ENVIRONMENTAL HAZARDS**

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.

**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.

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

<p>White Grubs (such as: Japanese Beetle Grubs, Chafer Beetle Grubs, Phyllophaga spp. Grubs, and Annual White Grubs), Bluegrass Billbug Larvae, European Cranefly Larvae</p>	<p>2.4</p>	<p>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 most 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.</p>
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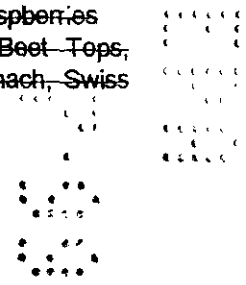
**NUISANCE PEST CONTROL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND BUILDINGS**

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 0.60 lbs. per 1,000 ft. of~~ 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).

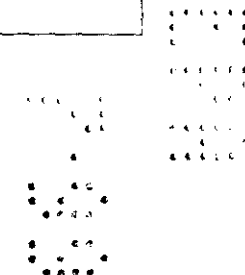
- 0-day PHI — Beans, Blueberries, Carrots, Corn, Cucumber, Eggplant, Melons, Okra, Peanuts, Pepper, Potato, Pumpkins, Squash, Sweet Potato, Tomato
- 1 day PHI — Asparagus, Strawberries
- 3 day PHI — Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Cowpeas, Garden Beet Root, Head Lettuce, Kohlrabi, Parsnips, Peas, Radishes, Rutabegas, Salsify Roots, Turnip Roots
- 7 day PHI — Blackberries, Dewberries (including Boysenberries and Loganberries), Grapes, Raspberries
- 14 day PHI — Celery, Chinese Cabbage, Collards, Dandelion, Endive (Escarole), Garden Beet Tops, Hanover Salad, Kale, Leaf Lettuce, Mustard Greens, Parsley, Salsify Tops, Spinach, Swiss Chard, Turnip Tops



## Use rates for The Andersons 8.0% Granular Sevin

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

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



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

**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.

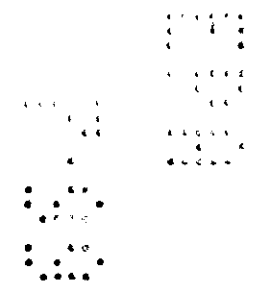
**STORAGE AND DISPOSAL**

**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.

**WARRANTY STATEMENT**





**MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions For Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.**

The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. **FOLLOW DIRECTIONS CAREFULLY.** Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically-recommended and other influencing factors in the use of this product are beyond the control of the manufacturer. Buyer assumes all risks of use, storage or handling of this product.

Manufactured by:  
THE ANDERSONS LAWN FERTILIZER DIVISION  
P.O. BOX 119  
MAUMEE, OHIO 43537

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Date Printed: 8/26/1999  
Date Approved: 9/27/1994  
Supersedes: new  
Label Change: add use rate table per EPA letter 8/6/99  
Filename: 9198-146

