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829-142

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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APR 16 1997

John C. Diem
Southern Agricultural Insecticides, Inc.
P.O. Box 218
Palmetto, FL 34220

Subject: SA-50® Sevin® Brand Carbaryl Insecticide 50 W
EPA Registration No. 829-142
Amendment dated December 27, 1996
Response to Agency letter dated 10/1/96

Dear Mr. Diem:

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:

1. Make the following changes to your label:

a) Because this product is applied as a liquid, not a dust, you must change the USER SAFETY REQUIREMENTS and the DIRECTIONS FOR USE to the following as outlined in the Agency letter dated 10/1/96:

USER SAFETY REQUIREMENTS	
Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when mixing and applying this product.	
Wear a hat and eye protection when making overhead applications.	
Remove clothing immediately if pesticide soaks clothing. 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 sprays have dried.	

DIRECTIONS FOR USE: Apply when air is calm to avoid drift and contact with eyes and skin. Start spraying at the farthest corner of the treatment

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area and work backward to avoid contact with wet surfaces. Allow spray to dry in treated areas before reentering. For trees taller than 10 feet, consider hiring a licensed professional. Spray thoroughly to wet upper and lower leaf surfaces, stems and branches. Do not repeat applications more than once a week.

b) In the Directions for Use on POTATOES, TOMATOES, etc..., change "...apply at 5 to 7 day intervals..." to "...apply at 7 day intervals..."

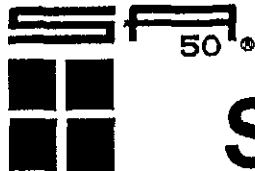
2. Submit one copy of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure



50®

SEVIN®

BRAND CARBARYL INSECTICIDE

50 W

ACTIVE INGREDIENTS:	
Carbaryl (1-Naphthyl N-methylcarbamate)	50.00%
INERT INGREDIENTS:	50.00%
TOTAL:	100.00%

Sevin® is a registered trademark of Rhone-Poulenc for Carbaryl Insecticide.

KEEP OUT OF REACH OF CHILDREN WARNING

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician immediately. Induce vomiting immediately. To induce vomiting, give one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. Apply respiration if indicated.

IF ON SKIN: Wash promptly with soap and water. Rinse thoroughly.

IF IN EYES: Flush eyes thoroughly with water for at least 15 minutes. Call a physician immediately.

NOTE TO PHYSICIAN: Atropine sulfate is antidotal.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA EST. NO. 829-FL-1 (3); 829-NC-1 (4); 829-NC-2 (5). Number following Est. No. corresponds to first digit in Lot No.

Southern Agricultural Insecticides, Inc.

Palmetto, FL 34220 Hendersonville, NC 28793 Boone, NC 28607
EPA REG. No. 829-142 J3

Net Wt. 12 ozs. (340 grams)

**PRECAUTIONARY STATEMENTS
HAZARDOUS TO HUMANS AND
DOMESTIC ANIMALS WARNING:**
May be harmful if swallowed. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS
This pesticide 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 contaminate water by cleaning of equipment or disposal of wastes. 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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. **STORAGE:** Store pesticide in the original container in a locked storage area. **PESTICIDE DISPOSAL:** To dispose of excess pesticide, securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse container. Rinse thoroughly before discarding in trash.

This product may not give satisfactory control under all conditions. Timing, method of application, weather conditions, severity of insect infestations and other factors influencing the results obtained from the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions and precautions given herewith.



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ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 16 1997

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

829-142

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DIRECTIONS FOR USE

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

RESIDENTIAL USE 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.

Wearing household latex or rubber gloves, use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster as available. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust. Apply when air is calm to avoid drift and contact with eyes and skin. Start applying at the farthest corner of the treatment area and work backward to avoid contact with dusted surfaces. Allow dust to settle in treated areas before reentering. For plants above chest height, consider using a liquid carbaryl product. Do not repeat application more than once a week.

Except where otherwise indicated on this label, applications may be made up to one day of harvest. For small quantities, mix 5 with continuous agitation. Compatible with Sulfur and Tri-Basic Copper. Not compatible with materials. Mixtures with materials not indicated or more materials should be used only with experience. Do not exceed maximum dosage. State Extension authority to determine if to this label. This product may injure tender plants are uneven or when plants are wet or when of sustained high humidity.

APPLES (Southeast): As alternate insecticide, use 5 tablespoonfuls in 3 gals. of water in the sixth and later cover sprays to control apple maggot, codling moth, Japanese beetle, Oriental fruit moth and red banded leafroller. To avoid thinning, do not use within 30 days of full petal fall. Mite populations may increase with Sevin usage. Do not apply to apples within one day of harvest. Application should be made with prior experience and local recommendations. Generally applied for thinning 14 to 21 days after full bloom when large fruitlets are the diameter of a dime. Easily thinned varieties, use 2 1/2 tablespoonfuls to 3 gallons of water. This includes Cortland, Grimes, Jonathan, McIntosh, Rome, Red Delicious and Winesap. For less sensitive varieties, use 5 tablespoonfuls in 3 gallons of water. This includes Baldwin, Ben Davis, Early McIntosh, Golden Delicious, Wealthy, Northern Spy, Rhode Island Greening, Yellow Transparent and York Imperial.

NOTE: Sevin may injure Early Dawn and Sunrise varieties on Delaware peninsula.

CORN: Apply 5 tablespoonfuls in 3 gallons of water for 800 row feet of corn as a directed spray. For corn earworm, fall armyworm and sap beetle in silks and ears, spray to cover ears and silks at 2 day intervals from time silks appear until silks have dried. For bud worms, direct spray into whorls when needed before tasseling. Application of this product to the tassal region of corn during the pollen shed period will seriously reduce bee populations.

LAWNS AND TURF: Use 4 tablespoonfuls in 3 gallons of water to cover 100 sq. ft. (1 1/2 lbs. in 50 gallons of water per 1250 sq. ft.) of established lawn to control fall armyworm, sod webworm, earwigs and millipedes. Repeat applications as necessary. (DIRECTIONS FOR USE continued in right column)

The following dosages are indicated in tablespoonfuls of Sevin[®] we in 3 gallons of water to be applied to an area of approximately 1300 sq. ft.

BEANS: For Mexican bean beetle control, use 5 tablespoonfuls. Use 7 1/2 tablespoonfuls to control corn earworm and Japanese beetle. Apply to foliage as needed to maintain control.

COWPEAS: Use 5 tablespoonfuls to control armyworms. Do not use within 3 days of harvest.

ALFALFA, CLOVER, GRASS (forage and pasture): Use 5 tablespoonfuls to control armyworms. Do not use on alfalfa within 3 days of harvest.

GRAPES: To control grape berry moth, grape leafhopper, Japanese beetle and June beetle adults, use 7 1/2 tablespoonfuls in 3 gallons of water. Make first application just before blooms open, second just after bloom, third 10 days later and thereafter apply at 2 week intervals. Do not exceed 6 gallons per 1300 sq. ft. in any spray.

POTATOES, TOMATOES, PEPPER, OKRA AND

EGGPLANT: To control fall armyworms, tomato hornworm, tomato fruitworm, stink bugs and Colorado potato beetle, apply 7 1/2 tablespoonfuls in 3 gallons of water to foliage as needed. For tomato fruitworm, apply at 5 to 7 day intervals after fruit begins to set.

STRAWBERRIES: Use 10 tablespoonfuls in 3 gallons of water as needed to control meadow spittlebug, strawberry leaf roller and strawberry weevil. For spittlebug, apply when masses are seen.

ROSE, CARNATION, GLADIOLI, ZINNIA, CHRYSANTHEMUM, LILAC, ARBOR VITAE, JUNIPER, HYDRANGEA, AZALEA, ELM, MAPLE,

OAK and DOGWOOD: Do not use on Boston Ivy. Apply 5 tablespoonfuls in 3 gallons of water as needed to control bagworm, box elder bug, blister beetle, boxwood leaf miners, elm leaf beetle, Japanese beetle and June beetle adults, lace bugs, mealybugs, mimosa webworm, oak leaf miner, periodical cicada, tent caterpillars, thorn bugs and exposed thrips.

NOTE: Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl label(s).

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