



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

AUG 3 2000

Cynthia Huffman
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
Resubmission Amendment dated May 12, 2000 in Response to
Carbaryl GDE.

Dear Ms. Huffman:

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. Correct the PHI for "Eggplant" to be 3 days; for "Potatoes" to be 7 days; and for alfalfa delete the statement "Do not use on alfalfa within 3 days of harvest" since it has a 7 day PHI which is specified in the ().
2. In the "Note" statement in the "DIRECTIONS FOR USE" delete the use of Karathane. The use directions appear to be directed towards commercial application equipment with the statement regarding "continuous agitation" which does not appear to be typical for residential type home use sprayer application equipment. These directions may be modified to be more compatible with typical home use equipment for pesticide application.

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

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



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

FIRST AID

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.



0 51538 10700 6

ACCEPTED
with COMMENTS
In EPA Letter Dated:

AUG 3 2000
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.

829-142

2
9
3

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

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

Apply when air is calm to avoid drift and contact with eyes and skin. Start spraying at the farthest corner of the treatment 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. NOTE: Number in () behind crop name is the days required between final application and harvest (PHI). For small quantities, mix 5 tablespoonfuls in 3 gallons of water. Apply with continuous agitation. Compatible with Captan, Daconil, Karathane, Maneb, Sulfur and Tri-Basic Copper. Not compatible with oils, lime sulfur or alkaline materials. Mixtures with materials not indicated as compatible and mixtures of three or more materials should be used only when such use is known to be safe by prior experience. Do not exceed maximum dosages. Before applying, consult proper State Extension authority to determine if local recommendations are consistent with this label. This product may injure tender plant parts, particularly when applications are uneven or when plants are wet or when applications are made during periods of sustained high humidity.

APPLES (Southeast): (3) 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 tassel region of corn during the pollen shed period will seriously reduce bee populations. (sweet, 2 days, ears, 14 days, forage, silage, 48 days grain fodder)

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® 50W 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. (snap, navy and kidney succulents 3, dried 21)

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. (alfalfa and clover 7, pasture grass 14).

GRAPES: (7) 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 7 day intervals after fruit begins to set. (Eggplant 14, potatoes, tomatoes, pepper & okra 3)

STRAWBERRIES: (7) 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).

3
10
3