

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
769-573

DATE OF ISSUANCE

August 28, 1991

NOTICE OF PESTICIDE:

REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE

Until Reregistration

NAME OF PESTICIDE PRODUCT

Sevin Spray

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Sureco, Inc.
P.O. Box 938
Fort Valley, GA 31030

BEST AVAILABLE COPY

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 769-573."
- b. Peas, (Garden or English) - the correct preharvest interval is three (3) days.
- c. Grapes - the correct preharvest interval is 7 days.
- d. Please note that if you plan to market this product in the Agricultural community, you must revise the Storage and Disposal Statement in accordance with PR Notice 83-3.

3. You must submit a storage stability study within fifteen months of the date of registration. The formulated product must be analyzed for its

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Dennis H. Edwards

DATE

8/28/91

active ingredient at time-zero and during a year of storage. The storage should be in warehouse conditions of temperature and humidity and stored in similar containers you will be using in the trade.

Note: For the Storage Stability study you cannot reference the concentrate you are using to formulate your product.

4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

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Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosures

SEVIN SPRAY

CONTROLS INSECTS ON VEGETABLES, LAWNS, ORNAMENTALS AND FRUITS

ACTIVE INGREDIENTS:
 Carbaryl (1-naphthyl N-methylcarbamate)..... 23.0%

INERT INGREDIENTS: 77.0%

Total..... 100.0%

Sevin is a registered trademark of Rhone Poulenc Ag Company for carbaryl insecticide. This product contains 2 pounds carbaryl per gallon.

EPA Reg. No. 769-

EPA Est. 769-GA-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

Sevin® *Spray brand carbaryl insecticide

Controls Insects on Vegetables, Lawns, Ornamentals and Fruits

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

IF INHALED: Remove victim to fresh air.

IF ON SKIN: Wash with soap and water. Remove contaminated clothing.

IF IN EYES: Flush eyes with water.

NOTE TO PHYSICIAN: Carbaryl is a moderate reversible cholinesterase inhibitor. Atropine is antidotal. Do not use 2-PAM, epistat or cholinesterase-inhibiting drugs.

PRECAUTIONARY STATEMENTS

CAUTION: 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 invertebrates. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of waste. This pesticide is extremely 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.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl labels.

MIXING INSTRUCTIONS

To insure a uniform product, gently shake contents before pouring. Be sure sprayer tank, spray tip and screen are clean before use. Fill the sprayer with 1/2 or 3/4 the desired amount of clean water. Pour the recommended amount of product into the tank and complete filling to desired level with water. Before use, thoroughly during use, shake the spray mixture in the tank to prevent settling. It is recommended that spray equipment be thoroughly cleaned after each day's use.

ACCEPTED with COMMENTS in EPA Letter 769-573

AUG 28 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 769-573

VEGETABLES

This product will control a wide range of vegetable insect pests. Begin application when insects first appear and repeat applications to maintain control, usually a 5-7 day schedule. Do not apply to any crop not listed on this label. Coverage of both upper and lower leaf surfaces is essential for good control. Use sufficient gallonage to obtain full coverage. In the garden, approximately 1 gallon of diluted spray will be required per 100 feet of row. Apply 2 2/3 teaspoons per gallon of water (2 quarts per acre) to control: alfalfa caterpillar, bean leaf beetle, blister beetle, cucumber beetle, Colorado potato beetle, flea beetle, green cloverworm, harlequin bug, Japanese beetle, red-necked peanutworm, squash bug, three-cornered alfalfa hopper, thrips, velvetbean caterpillar, Western bean cutworm. Apply 4 teaspoons per gallon of water (3 quarts per acre) to control: armyworms, aster leafhopper, corn earworm, cutworms, grasshopper, pea leaf weevil, pea weevil, spittlebug, yellow-striped armyworm. Apply 5 1/2 teaspoons per gallon of water (4 quarts per acre) to control: asparagus beetle, chinch bug, corn rootworm, cowpea curculio, European cornborer, fall armyworm, imported cabbageworm, lace bug, lima-bean pod borer, lygus bug, stink bug, tap beetle, Southwestern corn borer, tarnished plant bug, tomato hornworm, tomato pinworm. *Carbaryl will not control Colorado potato beetle in certain areas including the mid-Atlantic and New England states.

This product may be applied to the vegetables listed below. Follow the time intervals between last application and harvest indicated by the number in () following each vegetable. A (0), indicates this product may be applied up to and including the day of harvest. Asparagus (1), beans (0), including dry beans, green beans, lima beans, navy beans and snap beans, broccoli (3), brussel sprouts (3), Beets, (Flood 3, tops 14), cowpeas (3), cabbage (3), cauliflower (3), Chinese cabbage (14), collards (14), carrots (0), corn (0), cucumbers (0), dandelion (14), endive (escarole) (14), eggplant (0), fennel salad (14), horseradish (3), kale (14), Kohlrabi (3), lettuce: head (3), leaf (14), mustard greens (14), melons (0), okra (0), peanuts (0), peas: Southern (0) including black eyed, and crowders, peas, garden or English (0), peppers (3), potatoes (0), pumpkin (0), radish (3), rutabaga (3), squash (0), sautee, roots (3), tops (14), spinach (14), Swiss chard (14), tomatoes (3).

SPECIFIC VEGETABLE DIRECTIONS

ASPARAGUS: Treat ferns or brush directly. Do not treat fern tips once every 3 days. CORN: For insects attacking silks and ears, apply at 1-6 day intervals starting when first silks appear and continuing until silks begin to dry. For larvae in whorl and foliage feeders, apply as necessary. For stink bugs, use high gallonage ground application directed at the base of plants. CUCUMBERS, MELONS, PUMPKINS, SQUASH: Avoid excessive application.

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SHADE TREES.

This product will control the insects listed below. Apply 4 teaspoons per gallon of water (2 quarts per 100 gallons) and spray thoroughly covering both upper and lower leaf surfaces. Begin applications when insects or their damage first appear and repeat in 7-10 days or as necessary to maintain control. The additional of Spreader Sticker may improve residual control: arns, apple aphid, armworm, azalea leafminer, bagworm, birch leafminer, blister beetle, boxelder bug, boxwood leafminer, browntail moth, cankerworms, caterpillar, chiggers, codling spruce gall-aphid, cutworms, cypress tip moth, Douglas fir tussock moth, Eastern spruce gall aphid, elm leaf aphid, elm leaf beetle, elm sawworm, eriophid mite, European pine shoot moth, fall armyworm, flea beetles, fuller rose beetle, gall midges, gall weeps, green striped mapleworm grasshoppers, gypsy moth, hackberry nipple-gallmaker, holly bud moth, holly leafminer, jacks pine budworm, Japanese beetle, Jeffrey pine needleminer, June beetle, lace bug, leafhoppers, leafrollers, locust borer, maple leafcutter, mealybugs, minner webworm, nanauctal pine tip moth, oak leafminer, oak leaf skeletonizer, oakworm complex, slender caterpillar, olive ash borer, orange striped oakworm, orange tortrix, periodical cicada, pine sawfly, pine spittlebug, pitch pine tip moth, plant bugs, poisonous hornworm, psyllids, puss caterpillar, rethumped oakworm, rose aphid, rose chafar, rose slug, saddled prominent sawflies (exposed), scale insects, sawbugs, spiny elm caterpillar, springtails, spruce needleminer, subtropical pine tip moth, tent caterpillars, thorn bug, trips (exposed), ticks, walnut caterpillar, webworm, Western hemlock looper, Western spruce budworm, willowleaf beetle and yellow poplar weevil.

LAWN AND RECREATIONAL AREAS

This product will control the following insects on lawns and recreation areas: ants, armworms, bluegrass billbugs, centipedes, chiggers, cutworms, earwig, Essex skipper, European chafar, fall armyworm, fery skipper, fleas, grasshoppers, June beetles, leafhoppers, lucerna moth, millipedes, mosquitoes, soil webworms (leam moths), sawbugs, springtails, ticks, yellowstriped armyworms, chinch bugs and white grubs.

MIX this product with water according to directions given in the following table and apply as a coarse (large droplet) spray using a low pressure sprayer such as a knapsack-type, hose-attached applicator or other similar equipment.

For best results, mow lawn and apply after watering or rain. If it is impractical to use the quantity of water listed in the table, apply in at least one gallon of water per 1000 square feet and sprinkle with the recommended amount of water after application to insure good penetration of turf. Repeat 2-3 weeks later if necessary. Use the higher rate listed to control chinch bugs and white grubs.

AREA TO BE TREATED	AMOUNT TO USE	AMOUNT OF WATER
500 Sq. Ft.	6.5-10 Oz.	15 Gallons
1000 Sq. Ft.	13-20 oz.	30 gallons
2500 Sq. Ft.	1-1 1/2 qts.	75 gallons
5000 Sq. Ft.	2-3 qts.	150 gallons

TREE FRUIT, NUT CROPS, SMALL FRUIT

This product will control many insects pests on fruit and nut trees. Use sufficient spray gallonage to obtain thorough coverage. Follow the specific directions for each crop. The time interval between last application and harvest is indicated by the number in () following each crop. A (0) indicates the product may be applied up to and including the day of harvest. Follow locally issued spray schedules for timing and frequency of applications in your area.

TREE FRUIT

APPLE THINNING: Apply 1-3 teaspoons per gallon of water (1/2 to 1 quart per 100 gallons) in a full coverage dilute spray between 10 to 25 days after full bloom. If factors such as tree age, variety, nutrition, previous crop, pruning, bloom and degree of set favor excess fruit thinning with this product, exercise caution to avoid possible yield reduction. The above rate is for easily thinned varieties including Grimes, Jonathan, McIntosh, Orleans, Rome Beauty, Puritan, Red Delicious, Winesap and Yellow Newton. For more difficult to thin varieties including Baldwin, Ben Davis, Duchess, Early McIntosh, Golden Delicious, Lady Apple, Northern Spy, Rhode Island Greening, Steele Red, Turkey, Wealthy, Yellow Transparent and York Imperial, use 2-4 teaspoons per gallon of water (1 to 2 quarts per 100 gallons.)

APPLES, PEARS (1): This product will control the following insects on apples and pears: apple aphid, apple maggot, apple mealybug, apple rust mite, apple sucker, bagworms, California pear slug (pear sawfly), codling moth, Eastern tent caterpillar, European apple sawfly, eyespotted bud moth, forbes scale, fruit tree leafroller, green fruitworm, Japanese beetle, lecanium scales, lesser appleworm, lygus bugs, orange tortrix, oyster shell scale, pear leaf blister mite, pear psylla, pear rust mite, periodical cicada, plum curculio, red banded leafroller, rosy apple aphid, San Jose scale, tarnished plant bug, tentiform leafminer, white apple leafhopper, white apple aphid and yellow headed fire worm. Apply 4 teaspoons per gallon of water (2 quarts per 100 gallons). Apple mealybug, apple aphid, codling moth and white leafhopper may be controlled with 2 teaspoons per gallon of water East of the Rocky Mountains only. For psylla control, apply when eggs hatch or young nymphs are present. To avoid undesired apple thinning, delay use until at least 30 days after full bloom.

PEACHES, PLUMS, PRUNES, CHERRIES (1), APRICOTS, NECTARINES (3): This product will control the following insects on the above fruits: apple pearworm, black cherry aphid, brown soft scale, cherry fruitworm, cherry maggot, cucumber beetle, European sawfly, eyespotted bud moth, forbes scale, fruit tree leafroller, green fruitworm, Japanese beetle, June beetle, lecanium scales, lesser peachtree borer, mealy plum aphid, olive scale, oyster shell scale, orange tortrix, Oriental fruit moth, peach twig borer, periodical cicada, plum curculio, prune leafhopper, redbanded leafhopper, rose chafar, San Jose scale, tarnished plant bug, tussock moth and variegated leafroller. Apply 4 teaspoons per gallon of water (2 quarts per 100 gallons). Spray for thorough coverage. For optimum scale control, apply when crawlers are present. For lesser peachtree borer control, spray limbs and tree trunk thoroughly, weekly during moth flight.

NUT CROPS

PECANS (0): To control the following insects, apply 20 ounces per medium-sized tree in approximately 20 gallons water (2 tablespoons per gallon). This is equivalent to 8 1/4 quarts per acre based on 10 trees per acre: black margined aphid, fall webworm, hickory shuckworm, lesser webworm, pecan leaf phylloxera, pecan nut casebearer, pecan aphidbug, pecan weevil, twig girdler and walnut caterpillar.

SOIL APPLICATION FOR PECAN WEEVIL: When foliar application of this product is not feasible due to lack of proper equipment, poorly accessible tree location or other factors, a soil surface application method may be used to provide suppression of adult pecan weevil populations. Apply 10 ounces of this product per tree, to the soil under the tree in sufficient water (10 gallons per tree minimum) to uniformly cover the entire area beneath the tree canopy 10 feet beyond the drip-line. Make applications every 7-10 days from the time that the pecan shells begin to harden (early August) until adult weevils are no longer present (about September 15).

SMALL FRUIT CROPS

RASBERRIES (blackberries, raspberries, dewberries, boysenberries, loganberries (7): Apply 4-8 teaspoons per gallon of water (2-4 quarts per 100 gallons) and spray thoroughly to control European raspberry aphid, Japanese beetle, leafhopper, leafrollers, rose chafar and snow tree cricket.

BLUEBERRIES (0): Apply 8 teaspoons per gallon of water (3 quarts per 100 gallons) three weeks before harvest and repeat as necessary to control blueberry maggot, cherry fruitworm, cranberry fruitworm, European fruit lecanium and Japanese beetle.

GRAPES (0): Apply 8 teaspoons per gallon of water (4 quarts per 100 gallons) and spray thoroughly to control cutworms, eightspotted forester, European fruit lecanium, grape berry moth, grape leafroller, grape leafhopper, Japanese beetle, June beetle, orange tortrix, omnivorous leafroller, redbanded leafroller, saltmarsh caterpillar, Western grapeleaf skeletonizer and Western yellowstriped armyworm. Apply before first brood leafroller larvae emerge from rolls.

STRAWBERRIES (1): Apply 4-8 teaspoons per gallon of water (2-4 quarts per 100 gallons) to control flea beetles, meadow spittlebug, omnivorous leaflier (strawberry fruitworm), Strawberry leafroller and strawberry weevil. Sevin may injure Early Dawn and Sunrise varieties on the Delmarva Peninsula.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store pesticide in original container and place in a locked storage area. Do not reuse container. Securely wrap original container in several layers of newspaper and discard in trash.

NOTICE: The seller makes no implied warranty of merchantability nor any other warranties which extend beyond the description of this label.

MANUFACTURED FOR
SURECO, INC.

FORT VALLEY, GEORGIA 31030

