

PM 14 769-493

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

MAR 22 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Stacy Schmidt
H.R. MCLANE, INC.
AGENT FOR: SURECO, INC.
7210 RED ROAD, SUITE 206
MIAMI, FL 33143

Subject: Label Amendment Submission of 01/14/94 in Response to PR Notice 93-7
EPA Reg. No. 769-493
SEVIN 4 FLOWABLE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/R-recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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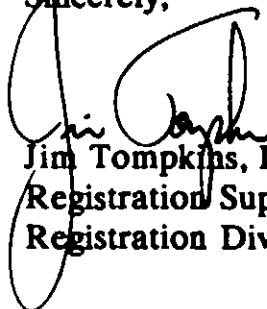
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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SUREGARD SEVIN® 4 FLOWABLE

Controls Insects on Vegetables, Lawns, Ornamentals and Fruits

ACTIVE INGREDIENT:		
Carbaryl (1-Naphthyl N-methylcarbamate).....	42.85%	
INERT INGREDIENTS:	57.15%	
	TOTAL	100.00%

Sevin® is the registered trademark of RHONE-POULENC for Carbaryl Insecticide
THIS PRODUCT CONTAINS 4 POUNDS CARBARYL PER GALLON

KEEP OUT OF REACH OF CHILDREN
CAUTION
See back panel for additional precautionary statements

Manufactured by:
SureCo, Inc.
Fort Valley, GA 31030

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EPA REG #769-493

EPA EST #769-GA-1

Net Contents ___ oz.

STATEMENT OF PRACTICAL TREATMENT

This product is an N-methyl carbamate and is a cholinesterase inhibitor.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching the 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 any contaminated clothing.~~

IF IN EYES: Flush eyes with water.

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PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

CAUTION: May be harmful if swallowed. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Do not take internally.

NOTE TO PHYSICIAN: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal. Do not use 2-PAM, OPIATES OR CHOLINESTERASE-INHIBITING DRUGS.

Applicators and other handlers must wear:

- *Long-sleeved shirt and long pants
- *Waterproof gloves
- *Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 22 1991

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

769-493

User Safety Recommendations:

User should:

- *Wash hands 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.

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, except for rice uses. Discharge from rice fields may kill aquatic and estuarine invertebrates. Do not contaminate water by cleaning of equipment or disposal of waste. Do not contaminate water when disposing of equipment washwaters. 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, applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- *Coveralls
- *Waterproof gloves
- *Shoes plus socks

Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl labels.

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MIXING INSTRUCTIONS: To insure a uniform product, gently SHAKE CONTENTS BEFORE POURING. Be sure sprayer tank, spray tips and screens are clean before use. Fill the sprayer with 1/4 to 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 and frequently during use, agitate the spray mixture in the tank to prevent settling. It is recommended that spray equipment be thoroughly cleaned after each day's use.

VEGETABLES

SUREGARD Sevin® 4 Flowable will control a wide range of vegetable insect pests. Begin applications 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 control. Apply 1 quart per acre to control: Alfalfa Caterpillar, Bean Leaf Beetle, Cucumber Beetle, Colorado Potato Beetle, Harlequin Bug, Japanese Beetle, Leafhopper, Melonworm, Mexican Bean Beetle, Red-Necked Peanutworm, Squash Bug, Three-Cornered Alfalfa Hopper, Thrips, Velvetbean Caterpillar and Western Bean Cutworm.

Apply 1 1/4 quarts per acre to control: Armyworms, Aster Leafhopper, Corn Earworm, Cutworms, Grasshopper, Pea Leaf Weevil, Pea Weevil, Spittlebug, and Yellow Striped Armyworm.

Apply 2 quarts per acre to control: Asparagus Beetle, Chinch Bug, Corn Rootworm, Cowpea Curculio, European Corn Borer, Fall Armyworm, Imported Cabbageworm, Lace Bug, Lima Bean Pod Borer, Lygus Bug, Stink Bug, Sap Beetle, Southwestern Corn Borer, Tarnished Plant Bug, Tomato Fruitworm, Tomato Hornworm, And Tomato Pinworm.

SUREGARD SEVIN® 4 Flowable 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, snap beans, BROCCOLI (3), BRUSSELS SPROUTS (3), BEETS: roots (3), tops (14), CABBAGE (3), CAULIFLOWER (3), CHINESE CABBAGE (14), COLLARDS (14), CARROTS (0), CORN (0), COWPEAS (3), CUCUMBERS (0), DANDELION (14), ENDIVE (ESCAROLE) (14), EGGPLANT (0), HANOVER 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 blackeyed and crowders, PEAS, GARDEN or ENGLISH (0), PEPPERS (0), POTATOES (0), PUMPKIN (0), RADISH (3), RUTABAGA (3), SQUASH (0), SALSIFY: roots (3), tops (14), SPINACH (14), SWISS CHARD (14), and TOMATOES (0).

SPECIFIC VEGETABLE DIRECTIONS: ASPARAGUS: Treat ferns or brush growth. Do not treat more than 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 chinch bugs, use high gallonage application directed at the base of plants. CUCUMBERS, MELONS, PUMPKINS, SQUASH: Avoid excessive applications.

FORAGE AND FIELD CROPS

Apply when insects or their damage appear. Repeat applications at 7 to 14 day intervals or as necessary to maintain control. Thorough and uniform coverage is essential for effective control.

APPLY 1 QUART PER ACRE TO CONTROL: Blister Beetle, Mexican Bean Beetle, Alfalfa Caterpillar, Bean Leaf Beetle, Cucumber Beetle, Green Cloverworm, Japanese Beetle, Leafhopper, Three-Cornered Alfalfa Hopper, Thrips, Velvetbean Caterpillar, Cotton Fleahopper, Cotton Leafworm, Striped Blister Beetle, Red-Necked Peanutworm, Flea Beetles, Grape Colaspis, Cer al Leaf Beetle.

APPLY 1 1/4 QUARTS PER ACRE TO CONTROL: Armyworm, Corn Earworm, Fall Armyworm, Webworm, Lygus Bug, Chinch Bug, Sorghum Midge, Southwestern Corn Borer, Beet Leaf Beetle, European Alfalfa Beetle, Alfalfa Weevil Larvae, Cloverleaf Weevil, Egyptian Alfalfa Weevil Larvae, Essex Skipper.

APPLY 2 QUARTS PER ACRE TO CONTROL: Whitefringed Beetle Adult, Painted Lady (Thistle Caterpillar) Sweet Potato Weevil, Bollworm, Leafhopper, Stink Bug, Boll Weevil, Saltmarsh Caterpillar, Stem Weevil Sweet Potato Hornworm, Cotton

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Leaf Perforator, Tarnished Plant Bug, White Grub (Green June Beetle), Cutworm, Yellowstriped Armyworm, Sunflower Beetle, Tortoise Beetle, Leafroller, Pink Bollworm.

SUREGARD Sevin® 4 Flowable may be applied to the crops below. Follow the time interval between last application and harvest indicated by the number in () following each crop. A (0) indicates this product may be applied up to and including day of harvest. Follow specific directions for crops where listed.

ALFALFA, CLOVERS (0): For Alfalfa weevil larvae, if pretreatment damage is extensive, cut alfalfa and treat the stubble. On dense growth, use 25 to 40 gallons of water per acre with ground equipment to insure adequate coverage.

COTTON (0): Treat on a 5 to 7 day schedule for as long as control is necessary. May be applied after bolls begin to open.

FORAGE GRASSES, PASTURE, RANGELAND (0): To control thrips in grasses grown for seed, use high spray pressure to improve penetration into boot.

FRUITS (0):

RICE (14): CAUTION! May kill shrimp and crabs. Do not use in areas where these are important resources. DO NOT APPLY PROPANIL HERBICIDES WITHIN 15 DAYS BEFORE OR AFTER APPLICATION OF THIS PRODUCT OR PLANT INJURY WILL RESULT, MISSISSIPPI DELTA & TEXAS.

SORGHUMS (Milo, Grain Sorghum, Sweet Sorghum and Hybrids)(21 grain, 0 forage): Direct spray into forming heads or optimum insect control. Treat for sorghum midge when 25 to 30 percent of heads have emerged from boot and are in bloom. Repeat application 3 to 5 days later if adults are still active. A third application may be necessary in late planted sorghum or if midge are abundant. For chinch bugs, use high gallonage ground application directed at the base of plants.

SOYBEANS (0): DO NOT APPLY A COMBINATION OF SEVIN 4 FLOWABLE AND 2,4-DB HERBICIDE TO SOYBEANS

SUGAR BEETS (14):

SUNFLOWER (60):

SWEET POTATO (0): Apply as a foliage spray. Full coverage of plants is essential.

WHEAT (21 Grain)

TOBACCO

To control TOBACCO FLEA BEETLE in PLANT BEDS, apply 2 tablespoons/gallon or 1 quart/50 gallons per 100 square yards. To prevent plant injury, avoid excessive applications. To control GREEN JUNE BEETLE GRUBS, use 1 1/4 quart per 100 gallons and apply to areas that larvae have uprooted by sprinkling as a drench with 50 to 100 gallons per 100 square yards. IN FIELDS to control BUDWORMS, FALL ARMYWORM, FLEA BEETLE, HORNWORM, JAPANESE BEETLE, JUNE BEETLE and SHUCKFLY, apply 1 to 2 quarts per acre. Use lower rate on young plants (up to knee high). Use at least 10 gallons of prepared spray per acre. Begin treatments when worms are small. If late season applications are necessary, allow three days before priming or cutting.

CHESTNUTS (0)

To control CHESTNUT WEEVIL, apply 2 to 3 quarts per 100 gallons of water. Make 4 applications at weekly intervals beginning in late July for adult Chestnut weevil control. Last application should be made prior to shuck split.

ADULT MOSQUITO CONTROL

To control adult MOSQUITO infestations in pastures, rangelands, yards, parks, recreational areas, logging camps, military posts and adjacent forested lands or wastelands, apply 1/2 to 1 quart per 100 gallons of water (1/2 to 1 tablespoon per gallon). Treat shrubbery and areas where adult mosquitoes congregate. Treat with pressure ground sprayers when adult mosquitoes are active: CAUTION! May kill shrimp and crabs. Do not use in area where these are important resources. OBSERVE BEE CAUTION.

ORNAMENTALS AND LAWNS

SUREGARD Sevin® 4 Flowable will control the insects listed below. Apply 1 quart per 100 gallons of water 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 addition of SUREGARD Spreader - Sticker may improve residual control. Ants, Apple Aphid, Armyworm, Azalea Leafminer, Bagworms, Birch Leafminer, Blister Beetle, Boxelder Bug, Boxwood Leafminer, Brown-tail Moth, Cankerworms, Catalpa Sphinx, Chiggers, Cooley Spruce Gall Aphid, Cutworms, Cypress Tip Moth,

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Douglas Fir Tussock Moth, Eastern Spruce Gall Aphid, Elm Leaf Aphid, Elm Leaf Beetle, Elm Spanworm, Eriophyid Mites, European Pine Shoot Moth, Fall Armyworm, Flea Beetles, Fuller Rose Beetle, Gall Midges, Gall Wasps, Green Striped Mapleworm, Grasshoppers, Jay Moth, Hackleberry Nipplegall Maker, Molly Bud Moth, Holly Leafminer, Jackpine Budworm, Japanese Beetle, Jeffery Pine Needleminer, June Beetles, Lace Bug, Leafhoppers, Leafrollers, Locust Borer, Maple Leafcutter, Mealy Bugs, Mimosa Webworm, Nantucket Pine Tip Moth, Oak Leafminers, Oak Leaf Skeletonizer, Oakworm Complex, Oleander Caterpillar, Olive Ash Borer, Orange Striped Oakworm, Orange Tortix, Periodical Cicada, Pine Sawfly, Pine Spittlebug, Pitch Pine Tip Moth, Plant Bugs, Poinsettia Hornworm, Psyllids, Puss Caterpillar, Red-humped Oakworm, Rose Aphid, Rose Chafer, Rose Slug, Saddled Prominent, Sawflies (exposed), Scale Insects, Sowbugs, Spiny Elm Caterpillar, Springtails, Spruce Budworm, Spruce Needleminer, Subtropical Pine Tip Moth, Tent Caterpillars, Thorn Bug, Thrips (exposed), Ticks, Walnut Caterpillars, Webworms, Western Hemlock Looper, Western Spruce Budworm, Willow Leaf Beetles, and Yellow Poplar Weevil.

LAWN AND RECREATIONAL AREAS: SUREGARD Sevin® 4 Flowable will control the following insects on lawns and recreational areas: Ants, Armyworms, Bluegrass Billbug, Centipedes, Chiggers, Cutworms, Earwigs, Essex Skipper, European Chafer, Fall Armyworm, Fiery Skipper, Fleas, Grasshoppers, June Beetles, Leafhoppers, Lucerne Moth, Millipedes, Mosquitoes, Sod Webworms (lawn moths), Sowbugs, Springtails, Ticks, Yellowstriped Armyworm, Chinch Bugs, and White Grubs. Mix SUREGARD Sevin® 4 Flowable 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 1,000 sq. ft. 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. To treat 500 sq. ft. use 3½ to 5 oz. SUREGARD Sevin® 4 Flowable to 15 gallons of water; treat 1,000 sq. ft. with 7½-10oz. to 30 gallons of water; treat 2,500 sq. ft. with ¼-¾ quarts to 75 gallons of water; treat 5,000 sq. ft. with 1-1½ quarts to 150 gallons of water.

TREE FRUIT, NUT CROPS, SMALL FRUIT

SUREGARD Sevin® 4 Flowable will control many insect pests on fruit and nut trees. Use sufficient spray gallonage to obtain 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 ¼ to 1 pint per 100 gallons of water 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 excessive fruit thinning with SUREGARD Sevin® 4 Flowable, exercise caution to avoid possible yield reduction. The above rate is for easily thinned varieties including Cortland, Grimes, Jonathan, MacIntosh, Orleans, Rome Beauty, Puritan, Red Delicious, Winesap, Yellow Newton. For more difficult to thin varieties including Baldwin, Ben Davis, Duchess, Early MacIntosh, Golden Delicious, Lady Apple, Northern Spy Rhode Island Greening, Steele Red, Turley, Wealthy, Yellow Transparent and York Imperial, use 1 to 2 pints per 100 gallons of water.

APPLES, PEARS (1): SUREGARD Sevin® 4 Flowable will control the following insects on apples and pears: Apple Aphid, Apple Maggot, Apple Mealybug, Apple Rust Mite, Apple Sucker, Bagworms, California Pearslug (pear sawfly) Codling Moth, Eastern Tent Caterpillar, European Apple Sawfly, Eyespotted Bud Moth, Forbes Scale, Fruittree Leafroller, Green Fruitworm, Japanese Beetle, Lecanium Scales, Lesser Appleworm, Lygus Bugs, Orange Tortrix, Oystershell 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, Woolly Apple Aphid, and Yellow Headed Fire Worm. Apply 1 quart per 100 gallons. Apple Mealybugs, Apple Aphid, Codling Moth and White Apple Leafhopper may be controlled with 1 pint east of Rocky Mountains only. For Psylla control, apply



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when eggs hatch or young nymphs are present. For optimum scale control, apply when crawlers are present. To avoid undesired apple thinning, delay use until at least 30 days after full bloom.

CITRUS FRUITS (3): SUREGARD Sevin® 4 Flowable will control the following insects on citrus. Avocado Leafroller, Black Scale, Brown Soft Scale, California Orangedog, California Red Scale, Citricola Scale, Citrus Cutworm, Citrus Rootweevil, Citrus Snow Scale, Fruittree Leafroller, Orange Tortrix, Western Tussock Moth, West Indian Sugarcane Borer (adult) and Yellow Scale. Apply 1 quart per 100 gallons. Do not apply less than 10 gallons of diluted spray mixture per mature tree. May be mixed with petroleum oils commonly used on citrus.

PEACHES, PLUMS, PRUNES, CHERRIES (1), APRICOTS, NECTARINES (3): SUREGARD Sevin® 4 Flowable will control the following insects on the above fruits: Apple Padonis, Black Cherry Aphid, Brown Soft Scale, Cherry Fruitworm, Cherry Maggot, Cucumber Beetle, European Earwig, Eyespotted Bud Moth, Forbes Scale, Fruittree Leafroller, Green Fruitworm, Japanese Beetle, June Beetle, Lecanium Scales, Lesser Peachtree Borer, Mealy Plum Aphid, Olive Scale, Oystershell Scale, Orange Tortrix, Oriental Fruit Moth, Peach Twig Borer, Periodical Cicada, Plum Curculio, Prune Leafhopper, Red-Banded Leafhopper, Rose Chafer, San Jose Scale, Tarnished Plant Bug, Tussock Moth and Variegated Leafroller. Apply 1 quart per 100 gallons of water.

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 10 ounces per medium-sized tree in approximately 20 gallons water. This is equivalent to 3 1/8 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 Spittlebug, Pecan Weevil, Twig Girdler, and Walnut Caterpillar.

SOIL APPLICATION FOR PECAN WEEVIL: When foliar application of SUREGARD Sevin® 4 Flowable is not feasible due to lack of proper equipment, poorly accessible tree location or other factors, a soil application method may be used to provide suppression of adult pecan weevil populations. Apply 5 ounces SUREGARD Sevin® 4 Flowable per tree, to the soil under tree, in sufficient water (10 gallons per tree minimum) to uniformly cover the entire area beneath the tree canopy 10 feet beyond the dripline. 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).

WALNUTS (0): To control the following insects apply 1 pint per 100 gallons of water and spray the entire tree thoroughly. Calico Scale, Codling Moth, European Fruit Lecanium, Fibroworm, Fruit Leafroller, and Frosted Scale. For codling moth, apply first spray when average cross-sectional diameters of developing nuts are 1/2 to 3/4 inch. Repeat during middle or late June as needed. To control European earwig, apply 2 quarts per 100 gallons of water and spray tree trunk to point of runoff.

SMALL FRUIT CROPS

BRAMBLES (Blackberries, Raspberries, Dewberries, Boysenberries, Loganberries) (7): Apply 1-2 quarts per 100 gallons water and spray thoroughly to control: European Raspberry Aphid, Japanese Beetle, Leafhopper, Rose Chafer, Snow Tree Cricket.

BLUEBERRIES (0): Apply 1 1/4 quarts per 100 gallons water 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 2 quarts per 100 gallons of water and spray thoroughly to control: Cutworms, Eight-Spotted Forester, European Fruit Lecanium, Grape Berry Moth, Grape Leafroller, Grape Leafhopper, Japanese Beetle, June Beetle, Orange Tortrix, Omnivorous Leafroller, Red-Banded Leafroller, Saltmarsh Caterpillar, Western Grapeleaf Skeletonizer, and Western Yellowstriped Armyworm. Apply before first brood leafroller larvae emerge from rolls.

STRAWBERRIES (1): Apply 1-2 quarts per 100 gallons water to control: Flea Beetles, Meadow Spittlebug, Omnivorous Leafhopper (strawberry fruitworm), Strawberry Leafroller and Strawberry Weevil, Sevin may injure Early Dawn and Sunrise varieties on the Delmarva Peninsula.

POULTRY INSECT CONTROL

CHICKENS, DUCKS, GEESE, GAME BIRDS, PIGEONS AND TURKEYS: To control Chicken Mites, Fleas, Lice and Northern Fowl Mites, use as direct mist spray on birds by: (1) misting with electric fog machine. Mix 10 ounces in 1 gallon of water. Use 1 1/4 gallons of spray mixture per 1,000 hens in cages, on litter or on

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slotted floor. Repeat in 4 weeks if necessary. or (2) Spray with knapsack or cylinder-type compressed air sprayers: Mix 6 ounces in 5 gallons of water. Apply 1 gallon of spray mixture per 100 hens in cages, on litter or on slotted floor. Repeat in 4 weeks if necessary. Direct mist spraying for chicken mites and fleas is a supplement to spraying roofs and buildings for control of these pests. Do not apply to poultry and game birds within 7 days of slaughter.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Pesticide, spray mixture or rinseate that cannot be used or chemically reprocessed should be disposed of on site or at an approved water disposal facility. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: Read these entire Directions and Conditions of Sale before using this product. **DISCLAIMER:** SureCo warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions For Use, subject to the inherent risks referred to above. SureCo makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty. In no case shall SureCo be liable for consequential, special, or indirect damages resulting from the use, handling or application of this product.

12/29/93