

ROYALGARD

5% SEVIN

Insecticide

Active Ingredient:

Carbaryl (1-Naphthyl N-methylcarbamate) ..... 5.0%

Inert Ingredients.....95.0%

Total.....100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician or Poison Control Center.

If Inhaled: Remove victim to fresh air. Apply respiration if indicated. If symptoms occur, get medical attention.

If in Eyes: Flush eyes for at least 15 minutes with water. Call a physician immediately.

If on skin: Wash contaminated skin with soap and water.

Note to Physician: Carbaryl is a moderate reversible, Cholinesterase inhibitor. Atropine is antidotal. DO NOT use 2-PAM, opiates, or cholinesterase-inhibiting drugs.

ROYALGARD PRODUCTS COMPANY  
A Subsidiary of SURECO, INC.  
Fort Valley, GA 31930

EPA REG. NO. 769-

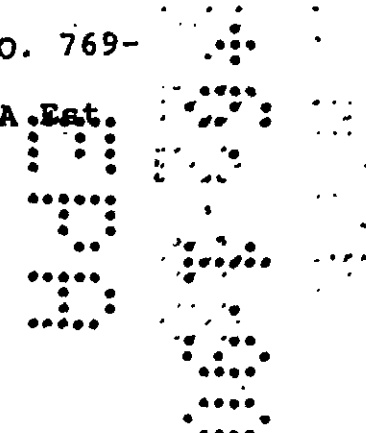
EPA Est.

ACCEPTED  
with COMMENTS  
to EPA Letter Dated

AUG 16 1990

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

769-559



**HAZARDS TO HUMANS & DOMESTIC ANIMALS****CAUTION**

May be harmful if swallowed. Do not take internally. Avoid contact with eyes, skin and clothing. Avoid breathing vapors, dust, or spray mist. Wash thoroughly after handling. Wash contaminated clothing before reuse. Flush contaminated eyes with plenty of water and get medical attention if irritation persists. Keep children and pets off treated area until this material is washed into the soil and grass is dry.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to aquatic estuarine invertebrates. Do not apply directly to water or wetlands, except under the forest canopy and use on rice. Discharge from rice fields may kill aquatic and estuarine invertebrates. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment of 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.

**CHEMIGATION PROHIBITION**

Do not apply this product through any type of irrigation system.

**RE-ENTRY STATEMENT**

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The areas being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until dusts have settled.

Protective clothing means, at least, a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric, covering the body, including the arms and legs), shoes and socks.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

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Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product when oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: CAUTION! Area treated with Carbaryl on (date of application). Do not enter without appropriate protective clothing until dusts have settled. See Statement of Practical Treatment and Precautionary Statements for actions to be taken in case of accidental exposure.

#### GENERAL INFORMATION

Use contrary to these directions may cause serious plant, crop or personal injury, excessive residues, unsatisfactory control or other unintended consequences.

**BEANS:** Against Mexican Bean Beetle and Leafhoppers, dust thoroughly with 20 pounds per acre every 7 to 10 days as needed, beginning when insects first appear. Against Lygus and Stink bugs, apply 40 pounds (no more) per acre every 7 to 10 days or as necessary. In home garden apply 1 to 2 ounces per 50 ft. of row. May be applied up to harvest, at rates directed, without exceeding residue tolerance.

**CUCUMBER, SUMMER SQUASH:** Against Striped and Spotted Cucumber Beetles, Squash Bugs, Flea Beetles, Pickleworm and Melonworm, dust thoroughly with 20 pounds (no more) per acre every 7 to 10 days, beginning when insects first appear. In home garden, apply 1 ounce per 50 ft. of row. May be applied up to harvest, at rates directed, without exceeding residue tolerances.

**TOMATO, EGGPLANT, PEPPER:** Against Tomato Fruitworm, Fall Armyworm, and Flea Beetles, dust thoroughly with 20 to 40 pounds per acre every 7 to 10 days, beginning when insects first appear. Against Tomato Hornworm, European Corn Borer, and Stink bugs, dust thoroughly with 40 to 80 pounds per acre (no more than 80 pounds/acre) every 7 to 10 days. In home garden, apply 1 to 2 ounces per 50 ft. of row. May be applied up to day of harvest, at rates directed, without exceeding residue tolerances.

**POTATO:** Against Colorado Potato Beetle, Leafhoppers, and Flea Beetles, dust thoroughly with 20 pounds per acre every 7 to 10 days. Against Lygus bugs, apply 40 pounds (no more) per acre every 7 to 10 days or as necessary. In home garden, apply 1 to 2 ounces per 50 ft. of row. May be applied as foliage applications at 2-3 day intervals as infestation warrants. Re-apply immediately after rain. May be applied up to harvest, at rates directed, without exceeding residue tolerances.

**SWEET CORN:** Against Corn Earworms, use at rate of 35 to 40 pounds per acre (no more). Apply to silks as soon as they appear. Make 3 to 4 applications at 2-3 day intervals as infestation warrants. Re-apply immediately after rain. In home gardens, apply 1 to 2 ounces per 50 ft. of row. May be applied up to harvest, at rates directed, without exceeding residue tolerances. Application of this product to the tassel region of corn during the pollen shed period will seriously reduce bee population.

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BEETS (roots), BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, HEAD LETTUCE, HORSE RADISH, KOHLRABI, PARSNIPS, RADISH, RUTABAGA, SALSIFY (Roots), TURNIPS (Roots): Against Corn Earworm, Armyworm, Imported Cabbageworm, Flea Beetle and Harlequin bug, apply 20 to 40 pounds (no more) per acre when insects first appear. Repeat at 7-10 day intervals. Do not apply later than 3 days before harvest.

PASTURE FORAGE GRASSES, CLOVER, ALFALFA, COWPEAS, PEANUTS, SOYBEANS: Against Thrips, Armyworms, Grasshoppers, and Stink bugs, apply 20 to 30 pounds (no more) per acre when insects appear. Repeat 7 to 14 days later if necessary. Do not apply later than 7 days before harvest on Alfalfa and Cowpeas.

BEETS (Tops), COLLARDS, CHINESE CABBAGE, DANDELION, ENDIVE (Escarole), KALE, LEAF LETTUCE, MUSTARD GREENS, PARSLEY, SALSIFY (Tops), SPINACH, SWISS CHARD, TURNIPS (Tops): Against Flea Beetle, Corn Earworm, Armyworm, Imported Cabbageworm, apply 20 to 40 pounds (no more) per acre when insects appear. Repeat at 7 to 10 day intervals. Do not apply later than 14 days before harvest.

TOBACCO: In plant beds: Against Tobacco Flea Beetle apply 1 to 2 pounds per 100 square yards when plants appear. Repeat as needed at 10 to 14 day intervals and just before transplanting. In Fields: Against Hornworms and Tobacco Flea Beetles apply 15 to 25 pounds broadcast per acre depending on the size of plants. Good coverage is essential. Use the highest dosage only on large plants and repeat as needed. Heavier applications may cause plant injury. Do not use on Shade Tobacco in combination with parathion.

NOTE: If late applications are necessary, treat immediately after priming rather than before priming. Treated fields may be entered immediately after dust has settled. Some phytotoxicity may occur on tender foliage in the presence of rain or high humidity of several days duration following application.

DOGS AND CATS: Against Brown Dog Ticks and Fleas, rub in skin and apply in sleeping quarters weekly. Do not treat kittens under 4 weeks old. Do not treat puppies under 4 weeks old. Do not use on pregnant dogs.

NOTICE: The U.S. Food and Drug Administration has set tolerances for pesticide residues. Crops having residues in excess of their permitted tolerances should not be marketed and to do so may violate state law and will violate Federal law when sold in interstate commerce. Such crops should not be marketed without removal of such excess residue.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: Store in a cool, dry place. (In case of spill, remove spillage with an industrial type vacuum cleaner and wash area with household bleach).

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not reuse bag. Completely empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DISCLAIMER OF WARRANTY  
MERCHANTABILITY AND LIABILITY

NOTICE: ROYALGARD PRODUCTS CO. warrants that the product conforms to the chemical description on its label and when used in accordance with the directions on the label and under normal conditions, is reasonably fit for the purposes stated on the label. ROYALGARD PRODUCTS COMPANY MAKES NO WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, EXPRESSED OR IMPLIED, EXCEPT AS STATED ON THIS LABEL. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as environmental conditions, conditions of application and other conditions relating to the use and handling of this product. All such risks are assumed by the purchaser. ROYALGARD PRODUCTS COMPANY SHALL IN NO EVENT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

ROYALGARD 5% SEVIN  
EPA REG. NO. 769-559  
AMENDMENT - ADDED USAGES

CUCUMBER, SUMMER SQUASH, CANTALOUPE, PUMPKINS, MELONS:

BEETS (Roots), BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CALIFLOWER, HEAD LETTUCE, HORSE RADISH, KOHLRABI, PARSNIIS, RADISH, RUTABAGA, SALSIFY (Roots), TURNIPS (roots): In home garden, to control Flea Beetles and Harlequin Bugs, apply at the rate of  $\frac{1}{2}$  to 1 ounce per 50 feet of row. To control Corn Earworm, Armyworm, Imported Cabbage-worm, Diamond-back Moth larvae, Tarnished Plant Bug and Stink Bugs apply 1 to 2 ounces per 50 feet of row.

BEETS (Tops), COLLARDS, CHINESE CABBAGE, DANDELION, ENDIVE (Escarole), KALE, LEAF LETTUCE, MUSTARD GREENS, PARSLEY, SALSIFY (Tops), SPINACH, SWISS CHARD, TURNIPS (Tops): In home garden, to control Flea Beetles, Harlequin Bugs, and Leafhoppers apply at the rate of  $\frac{1}{2}$  to 1 ounce per 50 feet of row. To control Armyworms, Imported Cabbageworm, Diamond-back Moth larvae, Corn Earworm, Tarnished Plant Bug and Stink Bugs apply 1 to 2 ounces per 50 feet of row. For best control of Corn Earworm after lettuce heads begin to form, use 2 ounces per 50 feet of row on a 5 to 7 day schedule

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES: To control Japanese Beetles, Leaf Rollers, Leafhoppers and Raspberry Aphid apply at the rate of 2 ounces per 50 feet of row.

BLUEBERRIES: To control Blueberry Maggot, Cherry and Cranberry Fruit-worms and Japanese Beetles apply at the rate of 2 ounces per 50 feet of row. Apply 3 weeks before harvest and repeat 10 days later if necessary.

GRAPES: To control Grape Leaf Folder, Grape Leafhopper and Grape Leaf Skeletonizer apply at the rate of 1 to 2 ounces per 50 feet of row. Apply just before first brood Leaf Folder Larvae emerge from rolls and as needed for Leafhoppers. To control Grape Berry Moth, Japanese Beetle, June Beetle and Red-banded Leaf Roller apply at the rate of 2 ounces per 50 feet of row.

ORNAMENTALS: To control Apple Aphid, Bagworm, Birch Leafminer, Blister Beetles, Boxelder Bug, Boxwood Leafminer, Elm Leaf Aphid, Elm Leaf Beetle, Flea Beetles, Japanese Beetle, Lacebugs, Leafhoppers, Leaf Rollers Oak Leafminers, Orange Tortrix, Periodical Cicada, Plant Bugs, Psyllids, Rose Slug, Rose Aphid, Scale Insects in the crawler stage, Tent Caterpillars, Willow Leaf Beetle and Exposed Thrips apply thoroughly to the infested plants at first sign of damage and repeat at 7 day intervals or as necessary for good insect control. To obtain scale control apply in spring and early summer when scale crawlers are present.

LAWNS: To control Leafhoppers, Fall Armyworm, and Sod Webworm apply at the rate of 4 pounds per 1,000 square feet. For best results, apply after rain or watering and do not water for at least 2 days after application. Repeat in 2 to 3 weeks if necessary.

CHICKENS, TURKEYS, DUCKS, GEESE, GAME BIRDS AND PIGEONS: LITTER

**TREATMENT** - Apply one pound per 40 square feet to control Northern Fowl Mite, Chicken Mite, Lice, Fleas and Bed Bugs. Use a scoop and scatter by hand or apply by hand duster. Avoid contamination of nests, eggs, feeding and watering troughs.

**HAND APPLICATION TO BIRDS:** Use one pound to treat 100 birds by means of a shaker can, squeeze bottle or hand duster to control Northern Fowl Mite, Chicken Mite, Lice and Fleas. Direct dust to vent and fluff areas. Repeat in 4 weeks if necessary. Hand application to birds for Chicken Mite and Fleas is a supplement to litter treatment for control of these pests. For the control of Sticktight Fleas, it is especially important to treat necks and head.

**DUST-BATH BOXES:** Use 2½ pounds per box for each 50 birds to control Northern Fowl Mite, Chicken Mite, Lice and Fleas. This is a supplement to litter treatment for Chicken Mite and Flea Control. On ranges, two natural wallows may be substituted for each dust-bath box.

**DOG & CAT QUARTERS:** For ticks and fleas, dust liberally in and around sleeping quarters, kennels and dog houses by means of a shaker can, hand or power duster. Force dust into cracks and crevices. Repeat as necessary.