



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 9, 2025

Kasey Ray
Registrations
Southern Agricultural Insecticides
P.O. Box 218
Palmetto, FL 34220

Subject: Registration Review Label Amendments Incorporating Mitigation from the National Marine Fisheries Services (NMFS) Biological Opinions on the Effects of Carbaryl
Product Name: SA-50 Brand Sevin 5% Dust
EPA Registration Number: 829-128
Application Date: 4/25/24
Decision Number: 595706

Dear Kasey Ray:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application of the above referenced product in connection with the NMFS' Biological Opinion on the effects of carbaryl on federally listed endangered and threatened species and designated critical habitat in accordance with section 7 of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 et seq.). The Agency has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved

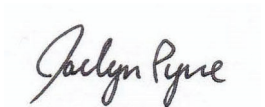
registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

The Agency received the U.S. Fish and Wildlife Service's (FWS) BiOp on the effects of EPA's national registration of carbaryl and posted it on the [website](#) on April 9, 2025. The Agency plans to incorporate and implement this FWS BiOp when issuing the interim decision for carbaryl. EPA will notify the registrants of any need to submit label amendments within 60 days of the issuance of the interim decision.

If you have any questions about this letter, please contact Carolyn Smith at smith.carolyn@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Jaclyn Pyne". The signature is written in a cursive, flowing style.

Jaclyn Pyne, Team Leader
Risk Management and Implementation Branch 3
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

CARBARYL 5% DUST

FOR OUTDOOR RESIDENTIAL USE ONLY

FOR USE ON VEGETABLES, ORNAMENTAL PLANTS, AND LAWNS FOR CONTROL OF CUT-WORMS, ARMYWORMS, GRASSHOPPERS, SOD WEBWORMS AND OTHER LISTED INSECTS.

ACTIVE INGREDIENT:

Carbaryl (1-Naphthyl N-methylcarbamate) 5.00%

INERT INGREDIENTS 95.00%

TOTAL 100.00%

ACCEPTED

04/09/2025

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

829-128

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Wear long sleeved shirt and long pants, shoes, socks, and household latex or rubber gloves when applying this product.

FIRST AID

N-METHYLCARBAMATE

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Carbaryl is an N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.

Have product container or label with you when calling a poison control center or doctor or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 48 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. **BEE CAUTION: MAY KILL HONEY-BEES AND OTHER BEES.** This product is highly toxic to honeybees and other bees. Do not apply to plants in bloom. **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 when disposing of equipment washwater or rinsate.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove clothing immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Southern Agricultural Insecticides, Inc.

Palmetto, FL. 34220

Hendersonville, N.C. 28793

Boone, N.C. 28607

EPA REG. NO.. 829-128

Net Contents.: 1lb. (.45 kg.)

DIRECTIONS FOR USE

RESTRICTIONS

Non-Refillable. Do Not Cut Container to Expose Contents. Discard Container when Empty. This product may be applied only as packaged in this ready to use container with a shaker dispenser.

Treat surfaces to ensure thorough coverage but avoid runoff. To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants. Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until dusts have settled. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. Do not use this product on plants above chest height. Intended only for outdoor home and garden use. Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams or ephemeral streams when water is present, wetlands or natural ponds, estuaries, and commercial fish farm ponds). Do not spray the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. Do not apply to vertical surfaces directly above pervious or impervious surfaces that drain into ditches, storm drains, gutters, or surface waters. Do not apply or irrigate to the point of runoff.

Do not apply during rain. Do not apply when soil in the area to be treated is saturated (if there is standing water on the field or if water can be squeezed from soil) or if NOAA/National Weather Service predicts a total rainfall of 1 inch or greater over the 48 hours following the day of application, only considering a 48-hour period when, at any point during the 48-hour period, the precipitation potential is 50% or greater. Detailed National Weather Service forecasts for local weather conditions should be obtained on-line at: www.weather.gov or by contacting your local National Weather Service Forecasting Office.

All outdoor applications, unless permitted elsewhere on this label, must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Applications to soil, lawn, turf, or vegetation; 2. Perimeter band treatments of 6 ft wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn); 3. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch; 4. Applications to vertical surfaces directly above pervious surfaces, such as bare soil, lawn, turf, mulch or other vegetation, that do not drain into ditches, storm drains, gutters, or surface waters

REPORTING ECOLOGICAL INCIDENTS: REPORTING ECOLOGICAL INCIDENTS: For guidance on reporting ecological incidents, including death, injury, or harm to plants and animals, including bees and other non-target insects, see EPA's Pesticide Incident Reporting website: <https://www.epa.gov/pesticide-incidents> or call (941)722-3285.

FOR RESISTANCE MANAGEMENT, CARBARYL 5% DUST contains a Group 1A insecticide. Any insect population may contain individuals naturally resistant to CARBARYL 5% DUST and other Group 1A insecticides. The resistant individuals may dominate the insect/mite population if this group of insecticides/acaricides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps: Rotate the use of CARBARYL 5% DUST or other Group 1A insecticides within a growing season, or among growing seasons, with different groups that control the same pests.

METHOD OF APPLICATION: Using this shaker can, lightly dust upper and lower leaves of plant. Apply when air is calm. Start by applying from the farthest corner of the treatment area and work backwards so as not to contact treated surfaces. Do not make more than four applications per year for the listed vegetables or more than six application per year for the listed ornamentals or more than four applications per year for lawns. The minimum retreatment interval is seven days, unless otherwise indicated.

NOTE: Number in () behind crop name is the days required between final application and harvest (PHI). 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. This product may not give satisfactory control under all conditions. Timing, severity of insect infestation and other factors influencing the results obtained from the use of this product are beyond the control of the seller. Do not use this product on plants above chest height.

BROCCOLI, CABBAGE and CAULIFLOWER (4) For the control of cabbage caterpillars or harlequin bug. Dust lightly and evenly covering entire plant where insects are seen. Retreat if necessary every 7 days. Control of cabbage loopers with this dust may not be satisfactory.

TOMATOES, POTATOES, PEPPER, OKRA and EGGPLANT (3):

(Potatoes, 7) For the control of Colorado potato beetle, flea beetle, leafhoppers, tomato fruitworm, fall armyworm, tomato hornworm and stink bugs. Sprinkle a light, even dusting over foliage wherever insects are seen. Repeat if necessary every 7 days. For tomato fruitworm on tomatoes, peppers and okra apply at weekly intervals after fruit has begun to set.

GRAPES: (7) For the control of Japanese beetle adults, grape berry moth, flea beetles, leafhoppers and leaf skeletonizers, dust lightly and evenly over area where insects first appear. Repeat if necessary every 7 days.

LAWN: For the control of cutworms, sod webworms and fall armyworms. Sprinkle on lawn with a light, even dusting when insects appear. Repeat if necessary after a minimum of 14 days.

ORNAMENTALS: Use on arborvitae, azalea, carnation, chrysanthemum, gladioli, hydrangea, juniper, lilac, rose, zinnia to control bagworm, blister beetle, Japanese beetle and June beetle adults, lace bug, leaf rollers, mimosa webworm, orange tortrix, periodical cicada, tent caterpillar, thorn bug, and exposed thrips. Dust plants lightly and evenly every 7 days to maintain control.