

pm 19 602-295

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

JAN 14 1994

R.E. (Bob) Broyles
PURINA MILLS, INC.
BOX 66812
ST LOUIS, MO. 63166

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 08/02/93 In Response to PR Notice 93-7
EPA Reg. No. 602-295
PURINA GENERAL SEVIN-5 INSECTICIDE

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/Recyclable
Printed with Soy/Canola Ink or other ink
contains at least 50% recycled fiber

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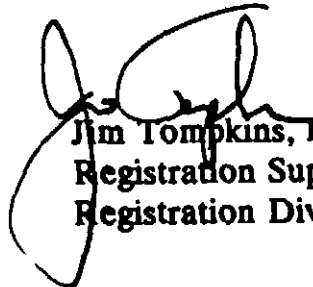
Submit the final printed labeling via the U.S. Postal Service to:

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

R.E. (Bob) Broyles
PURINA MILLS, INC.
BOX 66812
ST LOUIS MO 63166

Subject: Label Amendment Submission of 08/02/93
to Comply with WPS Labeling Requirements
EPA Reg Nr. 602-295
PURINA GENERAL SEVIN-5 INSECTICIDE

The following specific comments pertain to your
WPS labeling submission concerning the product
cited above:

The Agricultural Use Requirements section must be located
in a clearly separate box on the product labeling -- with
lines or other graphic indicators (such as contrasting
color) to separate the section from the surrounding text.

You have incorrect wording in the second-to-last sentence in
the first paragraph in the Agricultural Use Requirements box
on your proposed label. The sentence must be as follows:
"It also contains specific instructions and exceptions
pertaining to the statements on this label about personal
protective equipment (PPE), notification to workers and
restricted-entry interval."

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Reason For Issue: Changing label to incorporate WPS statements per EPA.

Date Issued: 7/27/93 (Green)
Prev. Date Issued: 11/13/89
Document Name: GENSEVIN.5
UPC CODE: 01929801179

PURINA®
BRAND

(9-Square Logo®)

GENERAL SEVIN* - 5
brand Carbaryl

INSECTICIDE

(3-Row Checkerband®)

EPA Reg. No. 602-295
EPA Est. No. 602-MO-1

ACTIVE INGREDIENT:

Carbaryl (1-naphthyl N-methylcarbamate) 5.0%

INERT INGREDIENTS 95.0%
100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE ADDITIONAL PRECAUTIONARY STATEMENTS ON BACK PANEL

G-8704

*SEVIN is the registered trademark of Rhone-Poulenc for carbaryl insecticide

Manufactured By
PURINA MILLS, INC.
P.O. Box 66812
St. Louis, Missouri 63166-6812 U.S.A.

NET WT 4 LB

ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 14 1994

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

602-295

Back Panel**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)****CAUTION:**

May be harmful if swallowed. Avoid breathing vapors (dust or spray mist). Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. Do not use this product in commercial food areas or food handling establishments, restaurants, or other places where food is prepared or processed.

Note For Physician:

Carbaryl is a moderate, reversible, cholinesterase inhibitor. Atropine is antidotal.

Personal Protective Equipment:

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

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

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Induce vomiting and seek medical attention immediately.

If on skin: Wash thoroughly with soap and water.

If in eyes: Flush thoroughly with water.

This product is a N-Methyl Carbamate, and is a cholinesterase inhibitor.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water and wetlands. Do not contaminate water by cleaning equipment or disposal of wastes.

BEE CAUTION:

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops and 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.

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.

BEST AVAILABLE COPY

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INTERVAL BEFORE HARVEST:

This product can be used up to and including the day of harvest on all crops listed except as stated under each category.

CAUTION:

Some phytotoxicity may occur in tender foliage in the presence of rain or high humidity of several days duration following application.

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

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

APPLICATION DIRECTIONS

Begin applications when insect or damage is first observed and repeat on a regular 5 to 7-day schedule or as necessary for good insect control. Apply uniformly to foliage covering all exposed parts (both upper and lower leaf surfaces) with a thin, even film using any garden type duster. Apply preferably in early morning or late evening when the air is quiet.

VEGETABLES

BEANS: To control Mexican Bean Beetle, Bean Leaf Beetle, Cucumber Beetles, Leafhoppers, Flea Beetles, Japanese Beetles, and Corn Earworm - apply at the rate of 1 ounce per 50 feet of row. Where Mexican Bean Beetle is the only problem, a rate of 1/2 ounce per 50 feet of row is sufficient. To control Lygus Bug, Stink Bug and Lima Bean Pod Borer - apply 1 ounce per 25 feet of row.

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CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, KOHLRABI: To control Flea Beetle and Harlequin Bug - apply at the rate of 1/2 to 1 ounce per 50 feet of row. To control Corn Earworm, Armyworm, Imported Cabbageworm, Diamond-back moth larvae - apply 1 to 2 ounces per 50 feet of row. Will not control Cabbage Loopers. Allow 3 days between application and harvest.

COLLARDS, GARDEN BEETS, KALE, LETTUCE, MUSTARD GREENS, RADISHES, RUTABAGAS, SPINACH, TURNIPS: To control Flea Beetles, Harlequin Bug and Leafhoppers - apply at the rate of 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 use 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 in a 5 to 7-day schedule. Will not control Cabbage Loopers. Allow 3 days between application and harvest on Head Lettuce, Garden Beets (roots), Radishes, Rutabagas and Turnips (roots). Allow 14 days between application and harvest on Collards, Garden Beets (tops), Kale, Leaf Lettuce, Mustard Greens, Spinach and Turnips (tops).

CUCUMBERS, SQUASH, CATALPUPE, PUMPKINS, MELONS: To control Pickleworm, Melonworm, Cucumber Beetles, Squash Bug, Flea Beetles - apply at the rate of 1 ounce per 50 feet of row.

CORN: To control Corn Earworm, European Corn Borer, Fall Armyworm, Sap Beetles, and Japanese Beetles - apply at the rate of 2 ounces per 50 feet of row. For budworm damage in the whorl, apply to entire plant and repeat as necessary. For insects attacking silk and ears, apply at 2 to 3-day intervals starting when first silks appear and continuing until silks begin to dry. Three or more applications may be required depending upon severity of infestation.

CARROTS: To control Flea Beetles, Leafhoppers, Spittlebugs, Lygus and Stink Bugs - apply at the rate of 1 to 2 ounces per 50 feet of row.

OKRA: To control Corn Earworm and Stink Bugs - apply at the rate of 1 to 2 ounces per 50 feet of row.

TOMATO, EGGPLANT, PEPPER: To control Tomato Fruitworm, Fall Armyworm, Flea Beetles and Leafhoppers - apply at the rate of 1 ounce per 50 feet of row. For control of Tomato Hornworm, European Corn Borer and Stink Bugs - apply at the rate of 1 to 2 ounces per 50 feet of row.

POTATO: To control Colorado Potato Beetle - apply at the rate of 1/2 ounce per 50 feet of row. For control of Leafhoppers and Flea Beetles apply at 1 ounce per 50 feet of row and for Lygus Bug apply 2 ounces per 50 feet of row.

SMALL FRUIT

8 9 8

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. Allow 7 days between application and harvest.

BLUEBERRIES: To control Blueberry Maggot, Cherry and Cranberry Fruitworms and Japanese Beetles - apply at the rate of 1-1/2 to 2 ounces per 50 feet of row. Apply 3 weeks before harvest and repeat 10 days later or as 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 Beetles and Red-Banded Leaf Roller apply at the rate of 2 ounces per 50 feet of row. Allow 7 days between application and harvest.

STRAWBERRIES: To control Meadow Spittlebug, Strawberry Leaf Roller and Strawberry Weevil apply at the rate of 1 to 2 ounces per 50 feet of row. Allow 1 day between application and harvest.

ORNAMENTALS

To control Apple Aphid, Bagworm, Birch Leaf Miner, Blister Beetles, Boxelder Bug, Boxwood Leaf Miner, Elm Leaf Aphid, Elm Leaf Beetle, Flea Beetles, Japanese Beetle, Lace Bugs, Leafhoppers, Leaf Rollers, Oak Leaf Miners, 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.

STORAGE AND DISPOSAL

Store in a cool, dry area inaccessible to children.

Do not store near food or feed products.

Do not reuse empty container. Wrap and put in trash collection.