

PM 19 228-251

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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APR 29 1997

Russell F. Sawyer
Riverdale Chemical Company
425 West 194th Street
Glenwood, IL 60425-1584

Subject: Riverdale 5% Sevin® Dust Insecticide
EPA Registration No. 228-251
Submission dated March 25, 1997
Response to Agency letter dated February 25, 1997

Dear Mr. Sawyer:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the following changes to your label:

a) Please remove the statement "Avoid contamination of feed, feeding troughs and watering receptacles. Food utensils such as teaspoons or tablespoons should not be used for food purposes after use in measuring pesticides" from the USER SAFETY REQUIREMENTS box. The USER SAFETY REQUIREMENTS box should only contain the language required by the Agency letter dated 10/1/96. You may place this statement directly above or below the USER SAFETY REQUIREMENTS box or delete the entire statement if you so desire.

b) In the Directions for Use on CORN, either delete the sentence "Repeat as necessary" or change it to "Repeat as necessary but not more than once a week." Also, change "...apply at 2 or 3 day intervals..." to "...apply at 7 day intervals..."

2. Submit one copy of your final printed labeling before you release the product for shipment.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Redwards A/228/251-3 4/28/97

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 bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



for Tina E. Levine, Ph.D.
Acting Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

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RIVERDALE
5% SEVIN® DUST
INSECTICIDE

Contains Carbaryl

FOR THE CONTROL OF CERTAIN INSECTS ON VEGETABLES
SMALL FRUITS, ORNAMENTALS AND PETS

ACTIVE INGREDIENT:

Carbaryl (1-naphthyl N-methylcarbamate)	5%
INERT INGREDIENTS:	95%
TOTAL	100%

Sevin® is a registered trademark of Rhone-Poulenc Ag. Co.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND
STATEMENT OF PRACTICAL TREATMENT

NET WEIGHT LB.

EPA REG. NO. 228-251

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 29 1997

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

228-249251

(Back Panel)

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

Harmful if swallowed. Avoid breathing dust and contact with eyes, skin or clothing.

USER SAFETY REQUIREMENTS

Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when applying this product

Change clothing as soon as possible after use.

Wash the outside of gloves before removing. As with any pesticide product, wash hands thoroughly immediately after handling and before eating, smoking or using the toilet.

Avoid contamination of feed, feeding troughs and watering receptacles. Food utensils such as teaspoons or tablespoons should not be used for food purposes after use in measuring pesticides.

Allow dust to settle in treated areas before reentering.

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED:** Drink one or two glasses of water and induce vomiting by touching back of the throat with finger. Call a physician or poison control center immediately. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.
- IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.
- IF IN EYES:** Immediately flush eyes with plenty of water. Call a physician.
- IF ON SKIN:** Remove contaminated clothing. Wash affected area 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.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. 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 by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas being treated. 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. **MAY KILL HONEY BEES IN SUBSTANTIAL NUMBERS.** Protective information may be obtained from your Cooperative Agricultural Extension Service.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL. USE IN STRICT ACCORDANCE WITH LABEL DIRECTIONS AND CAUTIONS.**

Apply Riverdale 5% Sevin Dust when insects or their damage appear. Make applications in the morning or evening when it is cool. Treat upper and lower surface of all foliage for complete coverage. Repeat as necessary, generally at 7 day intervals. For best results, apply with a dust gun. Do not apply in excess.

WHEN TREATING FRUITS AND VEGETABLES: Wearing household latex or rubber gloves, use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster as available. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust. Apply when air is calm to avoid drift and contact with eyes and skin. Start applying at the farthest corner of the treatment area

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and work backward to avoid contact with dusted surfaces. For plants above chest height, consider using a liquid carbaryl product. Do not repeat application more than once a week.

SMALL FRUIT INSECT CONTROL

GRAPES: To control grape berry moth, Japanese beetles, June beetles, red-banded leaf roller, grape leaf folder, grape leafhopper and grape leaf skeletonizer. Apply just before first brood leaf folder larvae emerge from rolls and as needed for leafhoppers. (Treat upper and lower surface of all foliage for complete coverage.) Limitation 7 days before harvest.

STRAWBERRIES: To control meadow spittlebug, strawberry leaf roller and strawberry weevil. (Treat upper and lower surface of all foliage for complete coverage.) Limitation 1 day before harvest.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES AND RASPBERRIES: To control Japanese beetles, leaf rollers, leafhoppers and raspberry aphids. Treat upper and lower surface of all foliage for complete coverage. Limitation 7 days before harvest.

CROP	INSECTS CONTROLLED	DOSAGE	LIMITATIONS
Asparagus	On Spears: Asparagus beetle On Ferns And Brush: Asparagus beetle, Apache cicada	Treat upper and lower surface of all foliage for complete coverage.	1 day before harvest.
Okra	Corn earworm, stink bugs.		Day of harvest.
Peas*	Leafhoppers, Colorado potato beetle, Armyworms, grasshoppers.		3 days before harvest.
Cauliflower*, Broccoli*, Kohlrabi*, Brussels sprouts*, Cabbage*	Flea beetle, harlequin bug, Corn earworms, Armyworms, cabbage caterpillars		3 days before harvest.
Potato Eggplant	Colorado potato beetle, flea beetles, leafhoppers		Day of harvest.
Tomato	Tomato fruitworm, fall Armyworm, European corn borer, stink bugs, lace bugs and tarnished plant bugs		Day of harvest.
Pepper	Pickleworm, melonworm		Day of harvest.
Cucurbits*, Casaba Cucumber, Crenshaw, Cantaloupe, Honey Ball, Pumpkin Squash, Muskmelon, Honeydew, Watermelon.	Cucumber beetles, leafhoppers, flea beetles, squash bugs		(Do not use on watermelon in Florida.)
Beans*	Mexican bean beetle Leafhoppers, bean leaf beetle, Western bean cut worm, flea beetles, Japanese beetle, velvet bean caterpillar, Corn earworm, Armyworms, stink bugs, tarnished plant bug, In California: Lima bean pod borer, corn earworm, Lygus and stink bugs		Day of harvest.
Beet Crops*, Beets, Radish, Carrots, Salsify, Turnips, Parsnips, Horseradish, Rutabaga	Flea beetles, leafhoppers, harlequin bug Six-spotted leafhopper (aster yellows vector) Corn earworm, Armyworms, cabbage caterpillars, tarnished plant bugs and stink bugs		Day of harvest on carrots, 3 days before harvest of other root crops.
Do not apply 14 days before harvest on beets, salsify or turnips if tops are to be used for food purposes.			
Leafy Vegetables*, Kale, Mustard Greens, Turnip Greens, Dandelion, Endive, Swiss Chard, Beet Greens, Spinach, Parsley, Lettuce, Collards, Chinese Cabbage	Flea beetles, leafhoppers, harlequin bug, Six-spotted leafhopper (Aster yellows vector), Corn earworms, Armyworms, cabbage caterpillars, tarnished plant bugs and stink bugs		3 days before harvest of head lettuce, 14 days before harvest of other leafy crops.
Corn*	Corn earworm, corn rootworm adults, fall Armyworm, sap beetles, Japanese beetle, flea beetles, leafhoppers		Day of harvest

For larvae in whorl (budworm damage) and foliage feeders, apply to entire plant. Repeat as necessary. For insects attacking silks and ears, apply at 2 or 3-day intervals starting when first silks appear, and continuing until silks begin to dry. Three or more applications may be required depending on severity of infestation. Timing and good coverage are essential for effective control.

*When label directions for use are followed, forage, vines, hay and crop residues may be fed to meat or dairy animals.

ORNAMENTAL INSECT CONTROL: 5% Sevin Dust can be safely used on a wide range of ornamental plants, flowers, and shrubs, such as rose carnation, gladiolus, chrysanthemum, lilac, arbor vitae, juniper, hydrangea, and azalea. 5% Sevin Dust injures Boston ivy. Apply to the upper and lower leaf surface of all foliage for complete coverage to control such pests as:

apple aphid	mealy bugs	Japanese beetle	boxwood leaf miner	thorn bugs	psyllids	boxelder bug
bagworm	mimosa webworm	June beetles	flea beetles	thrips (exposed)	rose aphid	gypsy moth
birch leaf miner	oak leaf miners	lace bugs	scale insects	plant bugs	willow leaf beetles	rose-slug
blister beetles	orange tortrix	leafhoppers	tent caterpillars	puss caterpillars	periodical cicada	leaf roller

NOTE: Riverdale 5% Sevin Dust does not control spider mites. Where infestations are encountered, use a recommended miticide.

Application of this product to the tassel region of corn during the pollen shed period will seriously reduce bee populations.

Injury to tender foliage may occur if applications are made when plants are wet or in the presence of high humidity of several days duration following treatment.

PET USE

WHEN TREATING DOGS AND CATS: Use product only outside or in a well-ventilated area. Wearing household latex or rubber gloves, dust entire animal, avoid pet's eyes, nose, mouth and genital areas. Rub or brush pet's hair to work dust down to the skin. Comb out dead ticks a few hours after treatment. Repeat at weekly intervals if needed. This product should not be applied by children. Do not use on pregnant dogs. Do not use on kittens or puppies under 12 weeks of age. Dust liberally in and around bedding and sleeping quarters, kennels, and dog houses by means of a shaker can, hand or dust gun.

STORAGE AND DISPOSAL

STORAGE: Store in tightly closed original container in a locked area away from children and domestic animals. Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE DISPOSAL: Product remaining in original container should be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash.

CONTAINER DISPOSAL: Do not reuse empty container. Discard in trash.

WARRANTY

Riverdale Chemical Company, the manufacturer, warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under normal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. (PR933 042194/RV 032597)