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228-249

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 29 1997

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

Subject: Riverdale Potato and Tomato Dust or Spray
EPA Registration No. 228-249
Submission dated March 20, 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) Add the following sentences to the end of the section labeled WHEN USING AS SPRAY: "Spray thoroughly to wet upper and lower leaf surfaces, stems and branches. Do not repeat applications more than once a week."
- b) In the Directions for Use on ASPARAGUS, delete the sentence "...do not repeat application within three days."

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

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)

		CONCURRENCES					
SYMBOL	Enclosure						
SURNAME							
DATE							

BE Edwards A: 228/249.3 4/24/97

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RIVERDALE

TOMATO & POTATO

DUST OR SPRAY

Insecticide-Fungicide

Contains SEVIN® (Carbaryl)

Also for use on Beans, Eggplant, and other listed Vegetables.

KILLS

**HORN WORMS, COLORADO POTATO BEETLES, FLEA BEETLES, TOMATO FRUIT WORMS,
LEAFHOPPERS, TARNISHED PLANT BUG, EARLY BLIGHT AND LATE BLIGHT.**

ACTIVE INGREDIENTS:

Carbaryl (1-Naphthyl N-Methylcarbamate)	5%
Copper as Metallic (From Basic Copper Sulphate)	7%
INERT INGREDIENTS:	88%
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 STATEMENT

EPA REG. NO. 228-249

NET CONTENTS: ONE POUND

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

(Back Panel)

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

CAUTION

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.

228-249

Harmful if swallowed or absorbed through the skin. Skin contact may be harmful. Avoid breathing dust or spray mist.

USER SAFETY REQUIREMENTS

- Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when mixing and applying this product.
- Wear a hat and eye protection when making overhead applications
- Remove clothing immediately if pesticide soaks clothing. 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.
- Allow dust to settle or spray to dry in treated areas before reentering.
- Do not allow children or pets to contact treated area until dust has settled or sprays have dried.

Do not apply to food crops unless residues are washed or removed by other effective means. Do not use on forage crops to be fed to dairy animals or to animals being finished for slaughter.

NOTE TO PHYSICIAN: Carbaryl is a moderate, reversible, Cholinesterase inhibitor.
Atropine is antidotal.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

Tomato & Potato Dust or Spray is an effective combination insecticide-fungicide dust that controls many insects and diseases at the same time. Apply when insects first appear. For diseases, apply when plants are young and BEFORE damage occurs. Dust thoroughly to upper and lower surfaces. If needed, repeat every 7 to 10 days. Do not use with lime or other alkaline material. To avoid possible injury to tender foliage, do not apply when foliage is wet or when rain or excessive humidity is expected during the next two days. This product may be applied up to harvest except when noted. Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl labels.

WHEN USING AS A DUST: Wear 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 and work backward to avoid contact with dusted surfaces. For plants above chest height, consider using this product as a spray. (See instructions below). Do not repeat application more than once a week.

WHEN USING AS A SPRAY: Apply when air is calm to avoid drift and contact with eyes and skin. Start spraying at the farthest corner of the treatment area and work backward to avoid contact with wet surfaces. Mix 6 to 8 tablespoonfuls in a little water to make a thin paste, add to 1 gallon of water and agitate during application. Follow pre-harvest intervals listed below.

POTATOES, TOMATOES, EGGPLANT AND PEPPERS: For control of Colorado potato beetle, Flea beetles, Leafhoppers, Leaf spot, early and late Blight on potatoes and tomatoes and Carcospora (leaf spot), Anthracnose on eggplant and peppers, apply 3/4 to 1-1/4 pounds per 1,000 square feet. For control of Tomato fruitworm, Fall armyworm, Tomato hornworm, European corn bores, Stink bugs, Lace bugs, Lygus bugs, apply 1-1/4 to 2 pounds per 1,000 square feet.

BEANS: For control of Mexican bean beetle, Leafhopper, Flea beetles, Japanese beetles, Velvet bean caterpillar, apply 3/4 pound per 1,000 square feet. For control of Lygus, Stink bug, Corn earworm, Tarnished plant bug, apply 1-1/4 to 2 pounds per 1,000 square feet.

CUCUMBERS, SQUASH, PUMPKINS, MELONS (Cantaloupe, watermelon, honeydew): For control of Pickleworm, Melonworm, Cucumber beetles, Squash bugs, Flea beetle, Leafhoppers, Anthracnose, Bacterial wilt, Downy mildew, Scab, Alternate leaf spot, apply 3/4 to 1-1/4 pounds per 1,000 square feet.

LETTUCE, COLLARDS, KALE, TURNIP GREENS, MUSTARD GREENS, SPINACH: For control of Flea beetles, Leafhoppers, Harlequin bug, Downy mildew, Leaf spot, apply 3/4 to 1-1/4 pounds per 1,000 square feet. For six-spotted Leafhoppers, Corn Earworm, Armyworm, Cabbage caterpillar, Spittlebugs, Lygus and Stink bugs, apply 1-1/4 to 2 pounds per 1,000 square feet. Do not apply within 14 days of harvest (except head lettuce - 3 days).

ASPARAGUS: For control of Asparagus beetle on asparagus, apply 1-1/4 to 2-1/2 pounds per 1,000 square feet. Apply during cutting season; do not repeat application within three days. Do not apply within 1 day of harvest.

CABBAGE, CARROTS, BROCCOLI, BRUSSELS SPROUTS: For control of Flea beetles, Harlequin bugs, Leaf spot, Downy mildew, apply 3/4 to 1-1/4 pounds per 1,000 square feet. For Corn earworm, Stink bug, Armyworm, Cabbage caterpillar, apply 1-1/4 to 2 pounds per 1,000 square feet. Do not apply within 3 days of harvest.

ROSES, AZALEA AND OTHER ORNAMENTALS: For control of Japanese beetle, Bagworm, Flea beetles, Leafhoppers, Scale insects, Tent caterpillars and many others, apply 2 to 2-1/4 pounds per 1,000 square feet.

GRAPES: For control of Leafhoppers, Japanese beetles, Grape berry moth, June beetles, Black rot, Downy and Podery mildew, apply 3/4 to 2 pounds per 1,000 square feet.

STRAWBERRIES: For control of Meadow spittle bug, Leafroller, Strawberry weevil, Leaf spot, apply 1-1/4 to 2 pounds per 1,000 square feet. Do not apply within 1 day of harvest.

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.

NOTICE: Buyer assumes all risks of use, storage and handling this product not in strict accordance with directions given herewith. (PR938 042194/RV 032097)