

PM 19 16-127

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Rebecca M. Horton
Dragon Corporation
P.O. Box 7311
Roanoke, VA 24019-7311

FEB 28 1997

Subject: Copper Dragon® Bug & Blight Dust
EPA Registration No. 16-127
Amendment dated November 12, 1996
Response to Agency letter dated 10/1/96

Dear Ms. Horton:

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) In the first paragraph of the Directions for Use on page 2 and page 4, change the fourth sentence to read "Dust lightly to cover both..."
- b) In the Directions for Use on ASPARAGUS, delete "do not repeat application within three days." A maximum number of applications of once per week is specified in the required language for the Directions for Use.

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,

BEST AVAILABLE COPY

/s/

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch

CONCURRENCES

Registration Division (7505C)

SYMBOL	Enclosure							
SURNAME								
DATE								

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[FRONT PANEL]

COPPER DRAGON® BUG & BLIGHT DUST

[Additional brand names: Copper Dragon Tomato & Vegetable Dust, Dragon Tomato & Vegetable Dust II]

Nothing Beats The Dragon!

Ready-to-Use!

Protects your garden from many of the most common pests and diseases.

Excellent Tomato Protection

Contains SEVIN® brand carbaryl insecticide.

KILLS: Japanese Beetle, Mexican Bean Beetle, Tomato Hornworm, Flea Beetle and other listed insects.

CONTROLS: Early and Late Blight, Leaf Spot on tomatoes and potatoes, Downy Mildew, Black Spot, Anthracnose, Bacterial Wilt on cucumbers, squash and melons.

Two-Way Garden Protection

Controls Plant Diseases

Kills Listed Insects

Active Ingredients:

Carbaryl (1-Naphthyl N-methylcarbamate) 2%

Copper Expressed as Metallic 7%

(Derived from Basic Copper Sulfate)

Inert Ingredients: 91%

TOTAL 100%

ACCEPTED
with COMMENTS
in EPA Letter Dated

FEB 28 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
16-127

Keep Out of Reach of Children

CAUTION

See back/side panels for additional cautions.

NET WEIGHT 14 OZ / 4 LB / 20 LB

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REC'D ENV. 9/09PDI

[BACK/SIDE/OTHER PANEL(S)]

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: May be harmful if swallowed. Avoid breathing dust. Avoid 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.
- Do not allow children or pets to contact treated area until dust has settled.

FIRST AID

IF SWALLOWED: Promptly drink a large quantity of milk, egg whites or gelatin solution. If these are not available, drink large quantities of water. Call a physician immediately.

IF ON SKIN: Wash thoroughly with soap and water.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes, call a physician.

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

ENVIRONMENTAL HAZARDS: 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. This product is toxic to fish. Keep out of lakes, streams or ponds. This product is extremely toxic to aquatic invertebrates. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

[Version A - text "lined-out" format]

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

COPPER DRAGON® Bug & Blight Dust is an effective combination insecticide-fungicide dust that controls many insects and diseases at the same time. 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 available. [Note to EPA: (when packaged in plastic puffer can) - Wearing household latex or rubber gloves, apply product directly from this container.] Dust lightly go 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. Allow dust to settle in treated areas before re-entering. For plants above chest height, consider using a liquid product. Apply when insects first appear. For diseases apply when plants are young and BEFORE damage occurs. Do not repeat applications more than once a week. 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. COPPER DRAGON® 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.

BEANS: To control (kill) Mexican bean beetle, Leafhopper, Flea beetles, Japanese beetles, Velvet bean caterpillar, apply 3/4 lb. per 1,000 sq. ft. To control (kill) Lygus, Stink bug, Corn earworm, Tarnished plant bug, apply 1 1/4 to 2 lbs. per 1,000 sq. ft. (1/2 to 1 lb. per 500 sq. ft.).

POTATOES, TOMATOES, EGGPLANT AND PEPPERS: To control (kill) Colorado potato beetle, Flea beetles, Leafhoppers, Leaf spot, early and late Blight on potatoes and tomatoes and Cercospora (leaf spot), Anthracnose on eggplant and peppers, apply 3/4 to 1 1/4 lbs. per 1,000 sq. ft. To control (kill) Tomato fruitworm, Fall armyworm, Tomato hornworm, European corn borer, Stink bugs, Lace bugs, Lygus bugs, apply 1 1/4 to 2 lbs. per 1,000 sq. ft. (1/2 to 1 lb. per 500 sq. ft.).

CUCUMBERS, SQUASH, PUMPKINS, MELONS (Cantaloupe, watermelon, honeydew): To control (kill) Pickleworm, Melonworm, Cucumber beetles, Squash bugs, Flea beetle, Leafhoppers, Anthracnose, Bacterial wilt, Downy mildew, Scab, Alternaria leaf spot, apply 3/4 to 1 1/4 lbs. per 1,000 sq. ft.

LETTUCE, COLLARDS, KALE, TURNIP GREENS, MUSTARD GREENS, SPINACH: To control (kill) Flea beetles, Leafhoppers, Harlequin bug, Downy mildew, Leaf spot, apply 3/4 to 1 1/4 lbs. per 1,000

sq. ft. For Six-spotted Leafhoppers, Corn earworm, Armyworm, Cabbage caterpillar, Spittlebugs, Lygus and Stink bugs, apply 1¼ to 2 lbs. per 1,000 sq. ft. (½ to 1 lb. per 500 sq. ft.). Do not apply within 14 days of harvest (except head lettuce - 3 days).

ASPARAGUS: To control (kill) Asparagus beetle on spears - Apply 1¼ to 2½ lbs. per 1,000 sq. ft. (½ to 1¼ lbs. per 500 sq. ft.) Apply during cutting season; do not repeat application within three days. Do not apply within 1 day of harvest.

CABBAGE, CARROTS, BROCCOLI, BRUSSELS SPROUTS: To control (kill) Flea beetles, Harlequin bugs, Leaf spot, Downy mildew - Apply ¾ to 1¼ lbs. per 1,000 sq. ft. For Corn earworm, Stink bug, Armyworm, Cabbage caterpillar - Apply 1¼ to 2 lbs. per 1,000 sq. ft. (½ to 1 lb. per 500 sq. ft.) Do not apply within 3 days of harvest.

GRAPES: To control (kill) Leafhoppers, Japanese beetles, Grape berry moth, June beetles, Black rot, Downy and Powdery mildew - Apply ¾ to 2 lbs. per 1,000 sq. ft.

STRAWBERRIES: To control (kill) Meadow spittle bug, Leaf roller, Strawberry weevil, Leaf spot - Apply 1¼ to 2 lbs. per 1,000 sq. ft. (½ to 1 lb. per 500 sq. ft.). Do not apply within 1 day of harvest.

ROSES, AZALEA AND OTHER ORNAMENTALS: To control (kill) Japanese beetle, Bagworm, Flea beetles, Leafhoppers, Scale insects, Tent caterpillars and many others - Apply 2 to 2¼ lbs. per 1,000 sq. ft. (½ lb. per 250 sq. ft.).

STORAGE: Store only in original container, in a cool dry place inaccessible to children and pets and away from feed and foodstuffs.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

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

STAINING PRECAUTION: Staining may occur on certain surfaces such as stucco, brick, cinder block, wood, fabrics and carpet. Deposits on painted or stained surfaces or finishes (e.g., cars, house trailers, boats, etc.) should be immediately removed by washing to prevent discoloration. Avoid application to surfaces where visible residues are objectionable. Staining of fabrics and carpet may be permanent.

NOTICE: Buyer assumes all risks of use, storage or handling of this material not in strict accordance with DIRECTIONS and CAUTIONS stated on this label.

SEVIN® is the registered trademark of Rhône-Poulenc for carbaryl.

Manufactured by
DRAGON CORPORATION
Roanoke, VA 24019

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[Version B - table format]

DIRECTIONS FOR USE

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VEGETABLE GARDENS		
Crop	Insects/Diseases	Use Rate per 1,000 sq. ft.
BEANS Do not feed treated bean vines to domestic animals.	Mexican Bean Beetles, Leafhoppers, Flea Beetles, Japanese Beetles, and Velvet Bean Caterpillars	¾ lb.
	Lygus Bugs, Stink Bugs, Corn Earworms, and Tarnished Plant Bugs	1¼ to 2 lb.
POTATOES, TOMATOES, EGGPLANT, PEPPERS	Colorado Potato Beetles, Flea Beetles, Leafhoppers, Leaf Spot, Early & Late Blight on potatoes and tomatoes, and Cercospora (leaf spot), Anthracnose on eggplant and peppers	¾ to 1¼ lb.
	Tomato Fruitworms, Fall Armyworms, Tomato Hornworms, European Corn Borers, Stink Bugs, Lace Bugs and Lygus Bugs	1¼ -2 lb. (½-1 lb. per 500 sq. ft.)
CUCUMBERS, SQUASH, PUMPKINS, MELONS (Cantaloupe, Watermelon, Honeydew)	Pickeworms, Melonworms, Cucumber Beetles, Squash Bugs, Flea Beetles, Leafhoppers, Anthracnose, Bacterial Wilt, Downy Mildew, Scab and Alternaria Leaf Spot	¾ to 1¼ lb.

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VEGETABLE GARDENS		
Crop	Insects/Diseases	Use Rate per 1,000 sq. ft.
LETTUCE, COLLARDS, KALE, TURNIP GREENS, MUSTARD GREENS, SPINACH Do not apply within 14 days of harvest (except head lettuce - 3 days).	Flea Beetles, Leafhoppers, Harlequin Bugs, Downy Mildew and Leaf Spot	¾ to 1¼ lb.
	Six-spotted Leafhoppers, Corn Earworms, Armyworms, Cabbage Caterpillars, Spittlebugs, Lygus Bugs and Stink Bugs	1¼ to 2 lb. (½ to 1 lb. per 500 sq. ft.)
ASPARAGUS Apply during cutting season. Do not apply within 1 day of harvest.	Asparagus Beetles on spears	1¼ to 2½ lb. (½ to 1¼ lb. per 500 sq. ft.)
CABBAGE, CARROTS, BROCCOLI, BRUSSELS SPROUTS Do not apply within 3 days of harvest.	Flea Beetles, Harlequin Bugs, Leaf Spot and Downy Mildew	¾ to 1¼ lb.
	Corn Earworms, Stink Bugs, Armyworms and Cabbage Caterpillars	1¼ to 2 lb. (½ to 1 lb. per 500 sq. ft.)

FRUITS		
Crop	Insects/Diseases	Use Rate per 1,000 sq. ft.
GRAPES	Leafhoppers, Japanese Beetles, Grape Berry Moths, June Beetles, Black Rot, Downy Mildew and Powdery Mildew	¾ to 2 lb.
STRAWBERRIES Do not apply within 1 day of harvest.	Meadow Spittle Bugs, Leaf Rollers, Strawberry Weevils and Leaf Spot	1¼ to 2 lb. (½ to 1 lb. per 500 sq. ft.)

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ROSES & ORNAMENTAL GARDENS		
Site	Insects	Use Rate per 1,000 sq. ft.
ROSES, AZALEAS AND OTHER ORNAMENTALS	Japanese Beetles, Bag Worms, Flea Beetles, Leafhoppers, Scale Insects, Tent Caterpillars and many others	2 to 2 1/4 lb. per 1,000 sq. ft. (1/2 lb. per 250 sq. ft.)

STORAGE: Store only in original container, in a cool dry place inaccessible to children and pets and away from feed and foodstuffs.

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