

16-127

02/04/2004

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

FEB 4 2004

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Thomas C. McEntee
VP Regulatory Compliance
Dragon Chemical Corporation.
71 Carolyn Blvd
Farmingdale, NY 11735

Subject: Label Amendment: First Aid, Storage & Disposal
Copper Dragon Tomato & Vegetable Dust
EPA Reg. No. 16-127
Submission dated August 6, 2003, **acceptable with comments.**

Dear Mr. McEntee:

The revised labeling referenced above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the following comments:

- 1) **Revise the Precautionary Statements to read "Harmful if swallowed, inhaled or absorbed through the skin"**. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash thoroughly before reuse.
- 2) The Note to Physician should be updated to read "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.
- 3) You must delete "Nothing beats the dragon"
- 4) You must state under the product name "For homeowners use only".

A stamped copy "accepted with comments" of the label is enclosed for your records. Please submit two (2) copies of the final printed before shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink that reads "Akiva Abramovitch".

Akiva Abramovitch, Ph.D.

Chemist

Insecticide-Rodenticide Branch

COPPER DRAGON® TOMATO & VEGETABLE DUST
CONTROLS INSECTS AND DISEASES

Nothing Beats the Dragon!
Ready To Use

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

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 Metallic7%
- (Derived from Basic Copper Sulfate)

Inert Ingredients:91%

TOTAL:..... 100%

ACCEPTED
with COMMENTS
In EPA Letter Dated:
FEB 4 2004

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

DIRECTIONS FOR USE

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

COPPER DRAGON® Tomato & Vegetable 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 or other appropriate duster 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 furthest 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 high, 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.

The Number in parentheses shows the Pre-harvest Interval (PHI) in days.

VERSION A (text "lined-out" format)

BEANS: [fresh (3) succulents, (21) dried] To control Mexican bean beetle, Leafhopper, Flea beetles, Japanese beetles, Velvet bean caterpillar, apply $\frac{3}{4}$ lb. per 1,000 sq. ft. To control Lygus, Stink bug, Corn earworm, Tarnished plant bug, apply $1\frac{1}{4}$ to 2 lbs. per 1,000 sq. ft.

POTATOES (7), TOMATOES, EGGPLANT AND PEPPERS (3): To control 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 $\frac{3}{4}$ to $1\frac{1}{4}$ lbs. per 1,000 sq. ft. To control Tomato fruitworm, Fall armyworm, Tomato hornworm, European corn borer, Stink bugs, Lace bugs, Lygus bugs, apply $1\frac{1}{4}$ to 2 lbs. per 1,000 sq. ft.

CUCUMBERS, SQUASH, PUMPKINS, MELONS(3) (Cantaloupe, watermelon, honeydew (7)): To control Pickleworm, Melonworm, Cucumber beetles, Squash bugs, Flea beetle, Leafhoppers, Anthracnose, Bacterial wilt, Downy mildew, Scab, Alternaria leaf spot, apply $\frac{3}{4}$ to $1\frac{1}{4}$ lbs. per 1,000 sq. ft.

LETTUCE (Head and Leaf (14)), COLLARDS, KALE, TURNIP GREENS, MUSTARD GREENS, SPINACH (14): To control Flea beetles, Leafhoppers, Harlequin bug, Downy mildew, Leaf spot, apply $\frac{3}{4}$ to $1\frac{1}{4}$ lbs. per 1,000 sq. ft. For Six-spotted Leafhoppers, Corn earworm, Armyworm, Cabbage caterpillar, Spittlebugs, Lygus and Stink bugs, apply $1\frac{1}{4}$ to 2 lbs. per 1,000 sq. ft.

ASPARAGUS (1): To control Asparagus beetle on spears - Apply $1\frac{1}{4}$ to $2\frac{1}{2}$ lbs. per 1,000 sq. ft. Apply during cutting season.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS (3), CARROTS (7): To control Flea beetles, Harlequin bugs, Leaf spot, Downy mildew - Apply $\frac{3}{4}$ to $1\frac{1}{4}$ lbs. per 1,000 sq. ft. For Corn earworm, Stink bug, Armyworm, Cabbage caterpillar - Apply $1\frac{1}{4}$ to 2 lbs. per 1,000 sq. ft.

GRAPES (7): To control Leafhoppers, Japanese beetles, Grape berry moth, June beetles, Black rot, Downy and Powdery mildew - Apply $\frac{3}{4}$ to 2 lbs. per 1,000 sq. ft.

STRAWBERRIES (7): To control Meadow spittle bug, Leaf roller, Strawberry weevil, Leaf spot - Apply $1\frac{1}{4}$ to 2 lbs. per 1,000 sq. ft.

ROSES, AZALEA AND OTHER ORNAMENTALS: To control Japanese beetle, Bagworm, Flea beetles, Leafhoppers, Scale insects, Tent caterpillars and many others - Apply 2 to $2\frac{1}{4}$ lbs. per 1,000 sq. ft.

VERSION B - table format

VEGETABLES			
CROP	INSECT/DISEASES	PHI= Pre-harvest interval in days	USE RATE PER 1,000 FT.
BEANS:	Mexican bean beetle, Leafhopper, Flea beetles, Japanese beetles, Velvet bean caterpillar	[fresh (3) succulents, (21) dried]	$\frac{3}{4}$ lb. per 1,000
	Lygus, Stink bug, Corn earworm, Tarnished plant bug	[fresh (3) succulents, (21) dried]	$1\frac{1}{4}$ to 2 lbs.
POTATOES	Colorado potato beetle, Flea beetles, Leafhoppers, Leaf spot, early and late Blight	7	$\frac{3}{4}$ to $1\frac{1}{4}$ lbs.
	Tomato fruitworm, Fall armyworm, Tomato hornworm, European corn borer, Stink bugs, Lace bugs, Lygus bugs	7	$1\frac{1}{4}$ to 2 lbs.

TOMATOES, EGGPLANT AND PEPPERS	Colorado potato beetle, Flea beetles, Leafhoppers, Leaf spot, early and late Blight	3	¾ to 1¼ lbs.
	Tomato fruitworm, Fall armyworm, Tomato hornworm, European corn borer, Stink bugs, Lace bugs, Lygus bugs	3	1¼ to 2 lbs.
CUCUMBERS, SQUASH, PUMPKINS, MELONS	Pickleworm, Melonworm, Cucumber beetles, Squash bugs, Flea beetle, Leafhoppers, Anthracnose, Bacterial wilt, Downy mildew, Scab, Alternaria leaf spot	3	¾ to 1¼ lbs.
(Cantaloupe, watermelon, honeydew	Pickleworm, Melonworm, Cucumber beetles, Squash bugs, Flea beetle, Leafhoppers, Anthracnose, Bacterial wilt, Downy mildew, Scab, Alternaria leaf spot	7	¾ to 1¼ lbs.
LETTUCE (Head and Leaf)	Flea beetles, Leafhoppers, Harlequin bug, Downy mildew, Leaf spot	14	¾ to 1¼ lbs.
COLLARDS, KALE, TURNIP GREENS, MUSTARD GREENS, SPINACH	Flea beetles, Leafhoppers, Harlequin bug, Downy mildew, Leaf spot	14	¾ to 1¼ lbs.
	Six-spotted Leafhoppers, Corn earworm, Armyworm, Cabbage caterpillar, Spittlebugs, Lygus and Stink bugs	14	1¼ to 2 lbs.
ASPARAGUS	Asparagus beetle on spears		1¼ to 2½ lbs.
FRUITS			
GRAPES	Leafhoppers, Japanese beetles, Grape berry moth, June beetles, Black rot, Downy and Powdery mildew	7	¾ to 2 lbs
STRAWBERRIES	Meadow spittle bug, Leaf roller, Strawberry weevil, Leaf spot	7	1¼ to 2 lbs.
ROSES AND ORNAMENTAL GARDENS			
ROSES, AZALEA AND OTHER ORNAMENTALS	Japanese beetle, Bagworm, Flea beetles, Leafhoppers, Scale insects, Tent caterpillars		2 to 2¼ lbs

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
 FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:
 CHEMTREC AT: 1-800-424-9300

IF INHALED:
 Move person to fresh air.
 If person is not breathing, call 911, or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible.
 Call a poison control center or doctor for further treatment advice.

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

IF IN EYES
 Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
 Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye.
 Call a poison control center or doctor for further treatment advice.

IF SWALLOWED
 Call 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 the poison control center or doctor.
 Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. *You may also contact 1 - 800 - 222- 1222 for emergency medical treatment information.*

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.

STORAGE & DISPOSAL
Storage: Store only in original container, in a cool dry place inaccessible to children and pets and away from feed and foodstuffs.
Disposal: If Empty: Do Not reuse this container. Place in trash or offer for recycling if available.
If partly filled: Call your local solid waste agency or call CHEMTREC AT 1-800-424-9300 for disposal instructions. Never place unused product down any indoor or outdoor drain.

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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.

EPA Reg. No. 16-127

Manufactured by
DRAGON CHEMICAL CORPORATION
P.O. 7311, Roanoke, VA 24019-0311