

PM 13

16-133

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

FEB 10 1994

Dragon Corporation
P.O. Box 7311
Roanoke, VA 24019

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 7/29/93 in Response to PR Notice 93-7
EPA Reg. No. 16-133
Dragon Thiodan Vegetable & Ornamental Dust

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**. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed. The comments follow.

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:

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.

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Recycled/Recyclable
Printed with Soy/Canola ink on paper that
contains at least 50% recycled fiber

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,

James A. Downing
for
Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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[FRONT PANEL]

**DRAGON®
THIODAN® VEGETABLE AND ORNAMENTAL DUST**

Controls 51 insects including Colorado Potato Beetle, Aphids, Mexican Bean Beetle, Flea Beetle and Whitefly on listed crops and ornamentals.

[Note to EPA: Front panel of label may include graphics representing product use, e.g., insects controlled such as colorado potato beetle, aphid, etc.]

ACTIVE INGREDIENT:

Endosulfan (Hexachlorohexahydro-2,4,3-benzodioxathiepin-3-oxide)	3%
INERT INGREDIENTS:	<u>97%</u>
TOTAL	100%

**Keep Out of Reach of Children
CAUTION**

See side/back/other panel(s) for additional precautionary statements.

NET WT. 3 LBS

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

[BACK/SIDE/OTHER PANEL(S)]

**PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
CAUTION**

FEB 10 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
16-133

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED:** Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.
- IF INHALED:** Remove victim to fresh air. Apply respiration if indicated.
- IF ON SKIN:** Wash contaminated skin with soap and water.
- IF IN EYES:** Flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash with soap and water after handling and before eating or smoking; wear clean clothing. Avoid contamination of feed and foodstuffs. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals.

NOTE TO PHYSICIAN: Endosulfan is a central nervous system stimulant. There is no specific antidote. Barbituric acid derivatives may be used for convulsions. Treat symptomatically.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds and other wildlife feeding on treated areas may be killed. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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PROTECT BEES: This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool, dry place away from feed and foodstuffs.

DISPOSAL: Do not reuse empty container, wrap empty container and put in trash collection.

DIRECTIONS FOR USE

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

FOR HOMEOWNER USE ONLY. Apply with a hand or power duster when insects first appear and repeat as required to maintain effective control. Coverage of both upper and lower leaf surfaces is essential for good control. Observe use limitations. If insect control is required beyond the following use patterns, supplement the control program with other suitable DRAGON® insecticides. Observe days interval between last application and harvest indicated by number in () following crop.

Apples (30): Apple aphid - Apply 2 ounces per 50 feet of row. Do not feed pomace from treated apples to domestic animals.

Artichokes (7): Artichoke aphid, Green peach aphid, Artichoke plume moth - Apply 1½ ounces per 50 feet of row.

Beans (pole beans, lima beans, snap beans) (3): Black bean aphid, Bean leaf skeletonizer, Cucumber beetles, Green stink bug, Mexican bean beetle - Apply 1 to 1½ ounces per 50 feet of row. Do not exceed 3 applications per season. Do not feed threshings to domestic animals nor allow them to feed in treated areas. Do not use on lima beans if vines are to be removed from garden at harvest.

Broccoli (7), Cabbage (7), Brussels sprouts (14), Cauliflower (14): Cabbage aphid, Cabbage looper, Cross-striped cabbage worm, Flea beetles, Harlequin bugs, Stink bugs, Diamond back moth larvae, Imported cabbage worm - Apply 1¼ to 1½ ounces per 50 feet of row.

Carrots (7): Green peach aphid - Apply 1 to 1½ ounces per 50 feet of row. Do not exceed 2 applications. Do not use tops for food or feed.

Celery, whole plant (4): Green peach aphid, Cabbage looper - Apply 1 to 1½ ounces per 50 feet of row. Do not exceed 3 applications.

Collards (21): Cabbage looper, Diamond back moth larvae, Harlequin bug, Imported cabbage worm - Apply 1½ ounces per 50 feet of row. Do not exceed one application.

Cucumbers (0), Summer & Winter Squash (0): Aphids, Cucumber beetles, Striped cabbage flea beetle, Squash vine borer - Apply 1¼ to 1½ ounces per 50 feet of row. For Vine Borer control, apply weekly to flower buds, stems and vines beginning when moths first appear.

Eggplants (1): Blister beetle, Colorado potato beetle, Flea beetle, Green peach aphid, Green stink bug, Whitefly - Apply 1 ounce per 50 feet of row.

Filberts (0): Filbert aphid, Filbert leaf roller - Apply 2 ounces per 50 feet of row. Do not allow domestic animals to feed in treated areas.

Grapes (7): Grape leafhopper - Apply 1½ to 2 ounces per 50 feet of row. Do not apply to Concord variety as severe injury is likely to occur.

Iris: Iris borer - Dust soil surface or beds thoroughly in spring when growth starts. Make 3 applications at 2 week intervals.

Kale (21): Cabbage flea beetle, Imported cabbage worm, Harlequin bug - Apply 1¼ ounces per 50 feet of row. Do not exceed one application.

Lettuce (14): Cabbage looper, Diamond back moth larvae, Green peach aphid, Imported cabbage worm - apply 1¼ to 1½ ounces per 50 feet of row. Do not exceed 2 applications on leaf lettuce. Do not exceed 3 applications on head lettuce after thinning. Remove outside leaves at harvest. Do not feed crop waste to domestic animals.

Melons (0): Aphids, Cucumber beetle, Striped cabbage flea beetle - Apply 1¼ to 1½ ounces per 50 feet of

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row. Cabbage looper, Omnivorous leaf roller - Apply $1\frac{3}{4}$ - 2 ounces per 50 feet of row. Rindworms (on watermelon only) - Apply 1 to $1\frac{1}{2}$ ounces per 50 feet of row.

Mustard Greens (21), Turnip Greens (21): Aphids, Cabbage looper, Imported cabbage worm - Apply $1\frac{1}{4}$ ounces per 50 feet of row. Do not exceed one application.

Ornamentals: Aphids, Whitefly - Dust lightly but uniformly. On Chrysanthemums best results will be obtained if applied before plants flower. Do not use on Birch trees.

Peppers (1): Green peach aphid, Flea beetles, Hornworms, Pepper maggot - Apply $1\frac{1}{2}$ to 2 ounces per 50 feet of row.

Potatoes (0): Aphids, Armyworms, Colorado potato beetle, Green stink bug, Leaf-footed bug, Plant bugs, Potato flea beetle, Potato leafhopper, Potato tuberworm - Apply $1\frac{1}{2}$ ounces per 50 feet of row. European corn borer, False chinch bug, Potato psyllid - Apply $1\frac{1}{2}$ ounces per 50 feet of row. Three-lined potato beetle - Apply $\frac{3}{4}$ ounces per 50 feet of row. Whitefly - Apply $\frac{3}{4}$ to $1\frac{1}{2}$ ounces per 50 feet of row.

Pumpkins (0): Aphids, Cucumber beetles, Striped flea beetle, Squash vine borer - Apply $1\frac{1}{4}$ to $1\frac{1}{2}$ ounces per 50 feet of row. For Vine borer control apply weekly to flower buds, stems and vines beginning when moths first appear.

Spinach (21): Green peach aphid, Crown mite - Apply $1\frac{1}{4}$ ounces per 50 feet of row. Do not exceed one application.

Strawberry (4): Meadow spittlebug, Strawberry aphid - Apply $1\frac{1}{2}$ ounces per 50 feet of row. Do not reapply within 15 days or more than twice within a 35 day period when fruit is present.

Sweet Corn (1): Corn leaf aphid - Apply $1\frac{1}{2}$ ounces per 50 feet of row. Corn earworms - Apply 2 ounces per 50 feet of row. Apply at 2 to 3 day intervals beginning when silks first appear and continue until they begin to dry. Do not exceed 5 applications. Do not feed treated forage to domestic animals nor allow them to feed in treated areas.

Tomatoes (1): Blister beetles, Colorado potato beetle, Flea beetles, Green peach aphid, Whitefly - Apply $\frac{3}{4}$ ounces per 50 feet of row. Cabbage looper - Apply $1\frac{1}{4}$ ounces per 50 feet of row. Stink bugs - Apply 1 to $1\frac{1}{2}$ ounces per 50 feet of row. Tomato fruitworm, Tomato russet mite, Yellow-striped Armyworm - Apply $1\frac{1}{2}$ ounces per 50 feet of row. Tomato Hornworm - Apply $\frac{3}{4}$ to $1\frac{1}{2}$ ounces per 50 feet of row.

Distributed by
DRAGON CORPORATION
Roanoke, VA 24019