

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number 196872
	Application for Pesticide:		

Section I

1. Company/Product Number 16-133	2. EPA Product Manager La Rocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DRAGON THIODAN Vegetable and Ornamental Dust	PMS 13	
5. Name and Address of Applicant: (Include ZIP Code) Dragon Corporation P. O. Box 7311 Roanoke, VA 24019 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary (For section I and Section II)

Compliance with PR Notice 93-3: Statement Prohibiting Application to Water

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NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 93-3

DATE 7/12/93

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child Resistant Packaging <input checked="" type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container 3 lb.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product			<input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other (_____)		

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)					
Name Rebecca M. Horton	Title Executive Assistant	Telephone No. (Include Area Code) (703) 362-3657			
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature <i>Rebecca M Horton</i>		3. Title Executive Assistant			
4. Typed Name Rebecca M. Horton		5. Date 6/30/93			

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-6
DATE 7/12/93

[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 (Hexachlorohexahydromethano-2,4,3-benzodioxathiepin-3-oxide)	3%
INERT INGREDIENTS:	97%
TOTAL	100%

Keep Out of Reach of Children
CAUTION
See side/back/other panel(s) for additional precautionary statements.

NET WT. 3 LBS

[BACK/SIDE/OTHER PANEL(S)]

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
CAUTION

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. For terrestrial uses, 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 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.



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.

Caution: Workers entering treated areas within 24 hours of applications should wear protective clothing. 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 livestock.

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 livestock or allow livestock to graze in treated areas. Do not use on lima beans if vines are to be removed from the field 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 graze livestock in treated groves.

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 livestock.

Melons (0): Aphids, Cucumber beetle, Striped cabbage flea beetle - Apply 1/4 to 1/2 ounces per 50 feet of row. Cabbage looper, Omnivorous leaf roller - Apply 1 3/4 - 2 ounces per 50 feet of row. Rindworms (on watermelon only) - Apply 1 to 1 1/2 ounces per 50 feet of row.

Mustard Greens (21), Turnip Greens (21): Aphids, Cabbage looper, Imported cabbage worm - Apply 1 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. In greenhouse, wear mask or respirator approved by the U.S. Bureau of Mines for Endosulfan protection.

Peppers (1): Green peach aphid, Flea beetles, Hornworms, Pepper maggot - Apply 1 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 1/2 ounces per 50 feet of row. European corn borer, False chinch bug, Potato psyllid - Apply 1 1/2 ounces per 50 feet of row. Three-lined potato beetle - Apply 3/4 ounces per 50 feet of row. Whitefly - Apply 3/4 to 1 1/2 ounces per 50 feet of row.

Pumpkins (0): Aphids, Cucumber beetles, Striped flea beetle, Squash vine borer - Apply 1 1/4 to 1 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 1/4 ounces per 50 feet of row. Do not exceed one application.

Strawberry (4): Meadow spittlebug, Strawberry aphid - Apply 1 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 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 apply to sweet corn to be processed. Do not feed treated forage or ensilage to livestock or allow livestock to graze in treated fields.

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

Distributed by
DRAGON CORPORATION
Roanoke, VA 24019

THIODAN

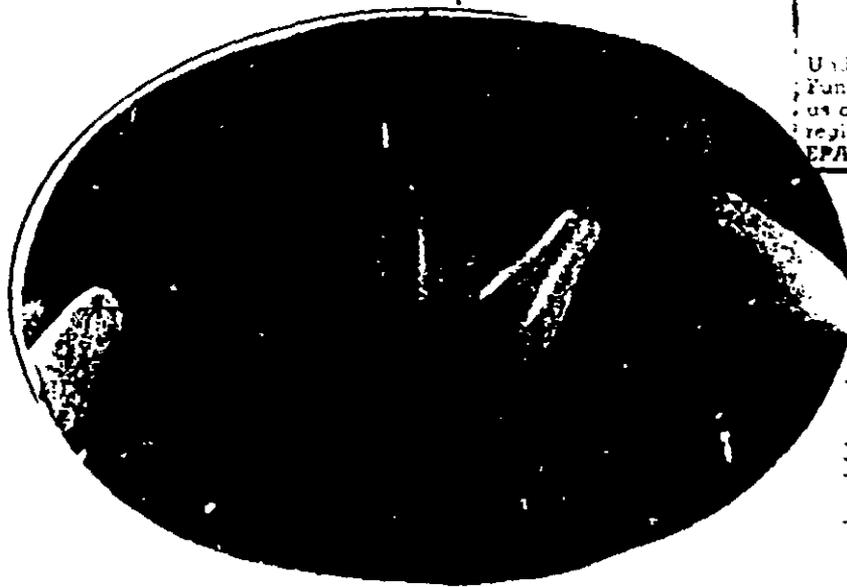
VEGETABLE AND ORNAMENTAL DUST

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CONTROLS 51 INSECTS

Including Colorado Potato Beetle, Aphids, Mexican Bean Beetle, Flea Beetle and Whitefly on listed crops and ornamentals.

ACCEPTED
 APR 27 1982
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 16-133



ACTIVE INGREDIENT	
Endosulfan (Hexachlorohexahydro-nethano-2,4,3 — benzodioxathiepin-3-oxide).....	3%
INERT INGREDIENTS.....	97%
TOTAL	100%

THIODAN is a registered trademark of Canadian Hoechst, Ltd



Colorado Potato Beetle



Whitefly



Aphid



Mexican Bean Beetle



Tomato Hornworm



Cucumber Beetle

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
& DOMESTIC ANIMALS
CAUTION
STATEMENT OF PRACTICAL TREATMENT**

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.

Inhaled: Remove victim to fresh air. Apply respiration if indicated.

on skin: Wash contaminated skin with soap and water.

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 in 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. Keep out of lakes, ponds and streams. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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.

Caution: Workers entering treated areas within 24 hours of applications should wear protective clothing.

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 to man or animal from treated apples to livestock.

Artichokes (7) Artichoke Aphid, Green Peach Aphid, Artichoke Plume Moth, apply 1 1/2 ounces per 50 feet of row.

Beans (pole beans, lima beans, snap beans) (3) Black Bean Aphid, Bean Leaf Beetle, Cucumber Beetles, Green Stink Bug, Mexican Bean Beetle, apply 1 1/2 to 2 ounces per 50 feet of row. Do not exceed 3 applications per season. Do not feed thrashings to livestock or allow livestock to graze in treated areas. Do not use on lima beans if vines are to be removed from the field 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 1 1/4 to 1 1/2 ounces per 50 feet of row.

Corn (7) Green Peach aphid, apply 1 to 1 1/2 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 1 1/2 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 1 1/2 ounces per 50 feet of row. Do not exceed one application.

Cucumbers (2), Summer & Winter Squash (3) Aphids, Cucumber Beetles, Striped Cabbage Flea Beetle, Squash Vine Borer, apply 1 1/4 to 1 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.

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 (3) Filbert Aphid, Filbert Leaf Roller, apply 2 ounces per 50 feet of row. Do not graze livestock in treated groves.

Grapes (7) Grape Leafhopper, apply 1 1/2 to 2 ounces per 50 feet of row. Do not apply to Concord variety as severe injury is likely to occur.

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

Lettuce (21) Cabbage Flea Beetle, Imported Cabbage Worm, Harlequin Bug, apply 1 1/4 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 1 1/4 to 1 1/2 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 livestock.

Melons (3) Aphids, Cucumber Beetle, Striped Cabbage Flea Beetle, apply 1 1/4 to 1 1/2 ounces per 50 feet of row. Cabbage Looper, Omnivorous Leaf Roller, apply 1 1/2 to 2 ounces per 50 feet of row. Roundworms (on watermelon only), apply 1 to 1 1/2 ounces per 50 feet of row.

Mustard Greens (21), Turnip Greens (21) Aphids, Cabbage Looper, Imported Cabbage Worm, apply 1 1/2 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. In greenhouse, wear mask or respirator approved by the U.S. Bureau of Mines for Endosulfan protection.

Peppers (1) Green Peach Aphid, Flea Beetles, Hornworms, Pepper Midge, apply 1 1/2 to 2 ounces per 50 feet of row.

Potatoes (3) Aphids, Armyworms, Colorado Potato Beetle, Green Stink Bug, Leaf-footed Bug, Plant bugs, Potato Flea Beetle, Potato Leafhopper, Potato Tuberworm, apply 1 1/2 ounces per 50 feet of row. European Corn Borer, False Chinch Bug, Potato Psyllid, apply 1 1/2 ounces per 50 feet of row. Three lined Potato Beetle, apply 1/2 ounce per 50 feet of row. Whitefly, apply 1/2 to 1 1/2 ounces per 50 feet of row.

Pumpkins (3) Aphids, Cucumber Beetles, Striped Flea Beetle, Squash Vine Borer, apply 1 1/4 to 1 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 1/2 ounces per 50 feet of row. Do not exceed one application.

Strawberry (4) Meadow Spittlebug, Strawberry Aphid, apply 1 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 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 apply to sweet corn to be processed. Do not feed treated forage or ensilage to livestock or allow livestock to graze in treated fields.

Tomatoes (1) Blister Beetles, Colorado Potato Beetle, Flea Beetles, Green Peach Aphid, Whitefly, apply 1 1/2 ounces per 50 feet of row. Cabbage Looper, apply 1 1/2 ounces per 50 feet of row. Stink Bugs, apply 1 to 1 1/2 ounces per 50 feet of row. Tomato Fruitworm, Tomato Pinch Mite, Yellow striped Armyworm, apply 1 1/2 ounces per 50 feet of row. Tomato Hornworm, apply 1 1/4 to 1 1/2 ounces per 50 feet of row.

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