

PM-14

Reg # 16-160

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
250123

Application for Pesticide - Section I

1. Company/Product Number 16-160	2. EPA Product Manager Forrest	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DRAGON CYGON 2E Systemic Insecticide	PM# 14	
5. Name and Address of Applicant (Include ZIP Code) Dragon Corporation P.O. Box 7311 Roanoke, VA 24019-7311 <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.)  
NOTIFICATION OF ADMINISTRATIVE AMENDMENT: Add "marketing copy" to label of record.

NOTIFICATION

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product			<input 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 Regulatory & Sales Support Manager		Telephone No. (include Area Code) (540) 362-3657	
<p align="center"><b>Certification</b></p> <p>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.</p>					6. Date Application Received (Stamp) 
2. Signature <i>Rebecca M. Horton</i>		3. Title Regulatory & Sales Support Manager			
4. Typed Name Rebecca M. Horton		5. Date Dec. 6, 1996			

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[FRONT PANEL]

**DRAGON®  
CYGON® 2E SYSTEMIC INSECTICIDE**

[ADDITIONAL BRAND NAME: DRAGON® Systemic Rose & Ornamental Insect Control]

*Nothing Beats The Dragon!*

Controls insects on roses, azaleas, listed ornamentals, and listed vegetables.

Kills On Contact

Penetrates Leaves For Longer Lasting Insect Protection

For Roses, Flowers and Ornamentals Listed!

**ACTIVE INGREDIENT:**

Dimethoate [0,0-dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate] . . . . . 23.4%

**INERT INGREDIENTS:** . . . . . 76.6%

**TOTAL:** . . . . . 100.0%

Contains 2 lbs. dimethoate per gallon.

[NOTE TO EPA: Front panel of label may include graphics representing product use; e.g., leafminer, lace bug, bag worm]

**Keep Out of Reach of Children  
WARNING**

See back/side/other panel(s) for additional precautions

**NET CONTENTS 8 FL OZ / 1 PT (16 FL OZ)**

**NOTIFICATION**

[BACK/SIDE/OTHER PANEL(S); BOOKLET WHEN NEEDED]

**GENERAL INFORMATION: FOR OUTDOOR HOMEOWNER USE ONLY.** DRAGON® CYGON® 2E SYSTEMIC INSECTICIDE controls soft-bodied insects such as aphids, leaf miners, mites, thrips and scale on ornamentals and vegetables listed below. It can also be used to **control houseflies** around homes, garbage cans, animal quarters, etc.

Controls the following insects on roses, flowers and ornamentals: Aphids, Bactra moth larvae, Bagworms, Camellia scale, European pine shoot moth, Fletcher scale, Golden oak scale, Nantucket pine tip moth, Iris borer, Lace bugs, leafhoppers, Leaf miners, Mealybugs, Midges, Mites, Pine moths, Scale, Soft scale, Tea scale, Thrips, Whiteflies, Zimmerman pine moth

**REQUIRED CLOTHING AND EQUIPMENT FOR APPLICATION:** All applicators, including homeowners, must wear the clothing and protective equipment listed below.

1. Impermeable gloves (for example, rubber or plastic covered reinforced gloves).
2. Boots or boot covers.
3. Long-sleeved shirt and long pants.
4. Wide-brimmed hat.

**DIRECTIONS FOR USE**

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

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### ROSES, FLOWERS & ORNAMENTALS

DO NOT use on ornamental plants not listed. DO NOT use on any ornamental stock plants grown as a source of propagation material, such as cuttings, layers, root stocks or scions for grafting or budding. DO NOT use in spray mixtures containing oil.

**Soil Drench:** Apply as a soil drench around the base of plants in early spring at the rate of 4 Tbs. per 1 gallon of water for plants up to 6 feet tall. Increase this rate proportionately for larger plants.

**Foliar Spray:** Apply two sprays, six weeks apart the first year, followed by annual application soon after first growth begins in Spring.

**Arborvitae:** *Aphids, Bagworms, Mites* - Mix 2 tsp. in 1/2 gallon of water, (4 tsp. in 1 gal.; 4 Tbs. in 3 gals.).

**Azaleas:** *Lace bugs, Leaf miners, Mites, Tea scale, White flies* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.).

**Birch:** *Aphids, Leaf miners* - Mix 1/2 tsp. in 1/2 gallon of water, (1 tsp. in 1 gal.; 1 Tbs. in 3 gals.). For Leaf miners, apply when leaves are expanded (about mid-May) and repeat in early July. Paint Method: For Leafminers, undiluted DRAGON® CYGON® 2E Systemic Insecticide can be painted on the bark of the tree, which then absorbs the chemical into its "system" and carries it to the leaves with the sap. Paint a band of undiluted CYGON® 2E around the trunk below the lowest branches. The band must be equal in width to the diameter (thickness) of the trunk at the site painted, but no more than 6" in width. Make the first treatment when the buds break. Weather condition is important for correct timing of treatment. If weather is warm and buds break fast, apply when green tips are visible. In cold weather, wait until the leaves have almost completely unfolded. Make a second treatment 6 weeks after the first. Do not make more than two treatments per season. Newly planted trees and those with trunks less than 1 inch thick may be injured. DO NOT use on the trunk of any other trees, or severe injury may result.

**Boxwood:** *Leaf miners, Mealy bugs, Mites* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.). For Leaf miners, apply in spring when leaf miner flies first appear; or in early summer for control of larvae in the infested leaves.

**Camellias:** *Aphids, Camellia scale, Tea scale* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.).

**Carnations:** *Aphids, Mites, Thrips* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.).

**Cedar:** *Mites* - Mix 2 tsp. in 1/2 gallon of water, (4 tsp. in 1 gal.; 4 Tbs. in 3 gals.).

**Cypress:** *Bactra moth larvae* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.). Apply as a drenching spray.

**Day Lilies:** *Aphids, Thrips* - Mix 2 tsp. in 1/2 gallon of water, (4 tsp. in 1 gal.; 4 Tbs. in 3 gals.).

**Euonymus:** *Aphids, Scale* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.).

**Ficus Nitidia:** *Thrips* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.). DO NOT use on potted plants.

**Gardenias:** *Tea scale, White flies* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.).

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**Gerberas:** *Thrips* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.).

**Gladiolus:** *Aphids, Thrips* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.).

**Hemlock:** *Mites, Scale* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.).

**Holly (English & American; NOT Buford variety):** *Leaf miners, Mites, Soft scale* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.). For Leaf miners apply in spring when leaf miner flies first appear or in early summer for the control of larvae in infested leaves.

**Iris:** *Aphids, Iris borer, Thrips* - Mix 1 tsp. in 1/2 gals. of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.). For Borer control, spray when new leaves are 5-6 inches tall.

**Oak:** *Golden oak scale* - Mix 2 tsp. in 1/2 gallon of water, (4 tsp. in 1 gal.; 4 Tbs. in 3 gals.).

**Pine, Juniper:** *Aphids, Bagworms, European pine shoot moth, Midges, Mites, Nantucket pine tip moth, Zimmerman pine moth* - Mix 2 tsp. in 1/2 gallon of water, (4 tsp. in 1 gal.; 4 Tbs. in 3 gals.).

**Poinsettias (outdoor):** *Aphids, Mealy bugs, Mites, White flies* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.).

**Roses:** *Aphids, Leafhoppers, Mites, Thrips* - Mix 1 tsp. in 1/2 gallon of water, (2 tsp. in 1 gal.; 2 Tbs. in 3 gals.).

**Taxus:** *Fletcher scale, Mealy bugs, Mites* - Mix 2 tsp. in 1/2 gallon of water, (4 tsp. in 1 gal.; 4 Tbs. in 3 gals.).

### VEGETABLES

**Controls:** *Aphids, Leafhoppers, Leafminers, Lygus bugs, Mites, Mealybugs, Pepper maggots and Thrips* on listed crops. Apply as a thorough foliar spray when insects or their damage first appear and repeat as necessary for control. DO NOT apply to any crop not listed on this label. Do not graze treated area or feed treated plant parts or ensilage to livestock. The number of days to be observed between the last application and harvest is shown in parentheses ( ) after each crop.

**Beans [Dry, Green, Lima and Snap] (0) -** *Aphids, Leafhoppers, Leaf miners, Lygus bugs, Mites* - Mix  $2\frac{2}{3}$ - $1\frac{1}{3}$  tsp. per gal. of water (2-4 tsp. in 3 gals.). Do not apply if the crop or weeds in the treatment area are in bloom if bees are visiting.

**Broccoli (7), Cabbage (7), Cauliflower (7) -** *Aphids* - Mix  $2\frac{2}{3}$  -  $1\frac{2}{3}$  tsp. per gal. of water (2-5 tsp. in 3 gals.).

**Collards (14), Endive [Escarole] (14), Kale (14), Lettuce (Head - 7, Leaf - 14), Mustard Greens (14), Spinach (14), Swiss Chard (14), Turnip (14) -** *Aphids, Leafhoppers, Leaf miners* - Mix  $2\frac{2}{3}$  tsp. per gal. of water (2 tsp. in 3 gals.).

**Melons (3) -** *Aphids, Leafhoppers, Leaf miners, Thrips* - Mix  $1\frac{1}{3}$  tsp. per gal. of water (4 tsp. in 3 gals.).

**Peppers (0) -** *Aphids, Leaf miners, Pepper maggots* - Mix  $2\frac{2}{3}$  -  $1\frac{1}{3}$  tsp. per gal. of water (2-4 tsp. in 3 gals.).

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Potatoes (0), Tomatoes (7) - Aphids, Leafhoppers, Leaf miners - Mix  $2\frac{1}{3}$ - $1\frac{1}{3}$  tsp. per gal. of water (2-4 tsp. in 3 gals.).

### OUTDOOR HOUSEFLY CONTROL

**General Outdoor Use:** To control houseflies around homes, garbage cans and animal quarters, mix 1 pint in 3 gallons of water ( $5\frac{1}{8}$  oz. in 1 gal.) and apply with a paintbrush or as a coarse spray to thoroughly cover exposed surfaces—such as walls, fences, garbage and refuse containers. Repeat applications should be made when necessary. DO NOT contaminate feed and foodstuffs, drinking fountains, water and feed troughs. DO NOT USE IN HOMES.

### STORAGE AND DISPOSAL

**STORAGE:** Store only in original container, in a cool, dry place inaccessible to children and pets and away from feed and foodstuffs. Do not store below freezing temperatures.

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

**CONTAINER DISPOSAL:** Do not reuse empty container. Wrap container and put in trash collection.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**WARNING:** May be fatal if swallowed. Avoid inhalation. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid contamination of feed and foodstuffs.

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center. Administer milk or water freely and INDUCE VOMITING by giving one dose ( $\frac{1}{2}$  oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 30 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Do not give anything by mouth to an unconscious or convulsive person.

**IF INHALED:** Remove victim to fresh air. Assist respiration if indicated.

**IF ON SKIN:** Promptly wash contaminated skin with soap and water.

**IF IN EYES:** Immediately flush eyes with plenty of water. If irritation persists, get medical attention.

**NOTE TO PHYSICIAN:** This product may cause cholinesterase inhibition. Atropine is antidotal.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to wildlife and aquatic invertebrates. Do not apply directly to water. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning equipment or disposal of wastes.

This pesticide 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.

**PHYSICAL OR CHEMICAL HAZARDS: COMBUSTIBLE.** Do not use, pour, spill or store near heat or open flame.

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

CYGON® is a registered trademark of American Cyanamid Co.

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