



United States  
**Environmental Protection Agency**  
 Washington, DC 20480

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 16-177	2. EPA Product Manager John Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Turf Protect-R Granular Carbaryl Insecticide	PMS	
5. Name and Address of Applicant (Include ZIP Code) Dragon Chemical Corp. 71 Carolyn Blvd. Farmingdale, NY 11735 <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**

Amendment - Explain below.  Final printed labels in response to Agency letter dated \_\_\_\_\_  
 Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application.  
 Notification - Explain below.  Other - Explain below.

**NOTIFICATION**

JUL 11 2003

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

Notification of Alternate Marketing claims, spreader settings and directions per PR Notice 98-10

"This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" 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	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.      No. per container	If "Yes" Package wgt.      No. per container

3. Location of Net Contents Information  
 Label  Container

4. Size(s) Retail Container  
10 pound, 20 pound

5. Location of Label Directions

6. Manner in Which Label is Affixed to Product  
 Lithograph Paper glued Stenciled  Other \_\_\_\_\_

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Thomas C. McEntee	Title VP, Regulatory Compliance	Telephone No. (Include Area Code) 978 887 1424
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**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.

2. Signature  
*Thomas C. McEntee*

3. Title  
Regulatory Manager

4. Typed Name  
Thomas C. McEntee

5. Date  
June 30, 2003

6. Date Application Received (Stamped)

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**TURF PROTECT-R  
Granular Carbaryl Insecticide**

For Outdoor Home Use

**NOTIFICATION**

JUL 11 2003

Starts Working Instantly  
Starts to Work Instantly  
Kills/ Control pests / bugs on contact  
Kills on Contact  
Kills pests on contact  
Works on Contact  
Kills Hidden Bugs  
Kills Hidden Grubs  
Eliminates Bugs  
Eliminates Grubs  
Protects Lawns from Grub Damage  
Powerful Grub/ Bug Killing Crystals  
The Grub Zapper

Zaps The Bugs That Bug You  
Carefully Formulated for NE / SE / S / MW/ NWW bugs *[For Regional Brands]*  
Guaranteed results or your money back  
Defend your turf against grubs  
Protects your yard against ticks which transmit Lyme Disease

Breaks the grub life cycle  
Compare to Ortho Bug-B-Gon granules and save  
Economical Pest Control  
Replaces SEVIN  
Same Ingredient as Sevin  
Replaces Dragon Diazinon / Dragon Dursban!  
Proven Ingredient  
Contains no organophosphate ingredients  
For a beautiful, grub-free lawn.  
Stops home invading pests  
Stops ants  
Kills ants dead  
Stops ants – even fire ants  
Proven Ant/Roach/Spider Killer for outdoor use  
Ant Stopper Granules  
Ant Stopping Granules / Crystals  
Control Ants Outside – Stop the invaders  
Stops Ants in Their Tracks  
Kills the bugs that bug you  
Powerful ant stopping granules  
Stops Home Invading Insects – Ants, Roaches, Spiders & More!  
Keeps bad bugs out  
Keeps nuisance pests out  
Keeps crawling bugs out  
Defend your home at the perimeter  
Powerful Insect Killing Granules  
Powerful bug killing granules  
Powerful ant killing granules  
Home Pest Insect Control for outdoor use  
Stop crawling bugs from getting indoors in one easy step  
Nuisance pest control  
Home Perimeter Insect Control

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Home Foundation Insect Control  
Pest Control Granules

Insect Control Granules

Carbaryl ant eliminator

Fire Ant Extinguisher

Fire Ant Eliminator

Easy to Use Granules

Easy to Use Crystals

Clean & Easy to Use

Ready to Spread Granules

No Mixing, No Mess

Low dust formula

Treats Up to \_\_\_\_\_ Sq. Ft. (depending on size of bag). 1000 s.f./every 2.2 lbs.

Versatile: Kills/Controls hundreds of insect pests

Versatile: Use virtually anywhere in your yard

- For Nuisance Pests: Ants, Fire Ants, Chiggers, Fleas, Ticks, & Adult mosquitoes
- For Fruit & Vegetable Pests: Ants, Cutworms, Earwigs, Grasshoppers, Sowbugs
- For Lawn Pests: Grubs, Fire Ants, Chinch Bugs, Lawn Moth

For Lawns, Groundcovers, Flower Beds

Active Ingredient: Carbaryl (1-naphthyl N-methylcarbamate).....7.0% by wt.  
 Inert Ingredients:.....93.0% by wt.

E.P.A. Reg. No. 16-177  
 E.P.A. Est. No. 16-VA-01

KEEP OUT OF REACH OF CHILDREN  
 CAUTION

For MEDICAL and TRANSPORTATION Emergencies ONLY  
 Call 24 Hours A Day at CHEMTREC (800)424-9300

For PRODUCT USE Information Call (540) 362-3657

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Never give anything by mouth to an unconscious or convulsing person. If conscious and not convulsing, drink 1 to 2 glasses of water and induce vomiting by touching the back of the throat with finger. Get medical attention.

**IF IN EYES:** Flush eyes with plenty of water. Get medical attention if irritation persists.

**IF ON SKIN:** Wash thoroughly with soap and water.

**IF INHALED:** Move from contaminated atmosphere and call a physician.

**GENERAL:** Contact a physician immediately in all cases of suspected poisoning. Transport to a physician or hospital immediately and SHOW A COPY OF THIS LABEL TO THE PHYSICIAN. If poisoning is suspected in animals, contact a veterinarian.

**NOTE TO PHYSICIAN:** Carbaryl is a N-methyl carbamate insecticide, which is a cholinesterase inhibitor. Atropine is antidotal. Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.

Consultation on diagnosis, therapy and analysis can be obtained at all hours by calling 1-800-424-

9300.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed, absorbed through the skin, inhaled, or if in eyes.  
Avoid breathing dust. Avoid contact with eyes, skin or clothing. Keep out of reach of children and domestic animals.

**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.

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to aquatic and estuarine invertebrates. 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 contaminate water by cleaning equipment or disposal of wastes.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Read entire label before using this product and observe directions and cautions.

**STORAGE AND DISPOSAL**

**STORAGE**

Store unused product in original container only, in cool, dry area out of reach of children and animals. Do not store in areas where temperatures frequently exceed 100°F.

**PESTICIDE DISPOSAL**

Partially filled containers may be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash.

**CONTAINER DISPOSAL**

Do not reuse empty bag. Discard bag in trash.

For plants above chest height, consider using a liquid Carbaryl product. Do not repeat applications more than once per week.

**PLANT RESPONSE PRECAUTIONS**

Application to wet foliage or during periods of high humidity may cause injury to tender foliage.

**PREHARVEST AND GRAZING RESTRICTIONS AND LIMITATIONS**

If used as directed, treated forage may be grazed or used as feed for dairy and meat animals without causing illegal residues in meat or milk. Do not apply at greater rates or at more frequent intervals than stated on the label.

**SPECIFIC USE DIRECTIONS**

**TURFGRASS - Lawns, Recreational and Ornamental Turf Areas: Use 2.2 to 3 lbs per 1000 sq ft**

Apply granules uniformly to grass. For best results, follow specific directions for proper watering or irrigation after application. Do not allow public use of areas during application.

**PESTS (Above soil surface) 2.2 to 3.0 POUNDS PER 1000 SQ. FT**

Ants, Armyworm, Centipedes, Chiggers, Chinch bugs, Cutworms, Earwigs, Essex skipper, European chafer, Fall armyworm, Fiery skipper, Fleas, Grasshoppers, Green June beetle larvae, Leafhoppers, Lucerne moth, Millipedes, Mosquitoes (adults), Scarab beetle adults (such as May beetle, June beetle, Japanese beetle, green June beetle), Sod webworm (lawn moths), Sowbugs, Spittlebugs, Springtails, Ticks, Yellow striped armyworm

**SPECIFIC DIRECTIONS** For effective control, irrigate after application to remove chemical from granules. Repeat applications as necessary up to a total of 4 times per year but not more often than once every 7 days.

**PEST (Below soil surface) 3.0 POUNDS PER 1000 SQ. FT.**

Billbug larvae, European crane fly larvae, White grubs (such as Japanese beetle larvae, Chafer beetle larvae, and Phyllophaga spp. larvae and annual white grubs), Black turfgrass Ataenius beetle larvae, Hyperodes weevil (bluegrass weevil) larvae

**SPECIFIC DIRECTIONS** Apply when insects are actively feeding near the soil surface, usually during late March through May, or July through early September, or as recommended by local Agricultural Extension Service Agents. Irrigate thoroughly after application to remove chemical from granules and move it down into the thatch.

**CONTROL OF TICKS WHICH VECTOR LYME DISEASE** Apply 2.5 to 3.0 pounds of granules per 1000 square feet.

Juvenile and adult Ixodes spp. ticks (Deer tick, Bear tick, and Black legged tick) and Amblyomma spp. ticks (Lone star tick).

**SPECIFIC DIRECTIONS:**

Begin applications in late spring or early summer (May/June). Apply granules uniformly across the entire lawn, perimeter wooded areas, and property boundaries including shrub beds, ornamental plantings, and wooded areas where exposure to ticks may occur. For optimum results, irrigate treated areas after application to remove chemical from granules.

SPREADER	SPREADER SETTING For 2.2 lbs per 1,000 sq. ft.	SPREADER SETTING For 2.5 lbs. per 1000 sq. ft.	SPREADER SETTING For 3.0 lbs. per 1000 sq. ft.
Scott's SpeedyGreen® 3000 Rotary Spreader	3-1/2	4	4
Scotts AccuGreen® 3000 Drop Spreader	7	7-1/2	8
Cyclone B1/B55 Rotary	4 1/2	4-3/4	5
Sears 1000 Rotary	3 1/2	3 1/2	4
True Temper Rotary	4 1/2	5	5 1/2

All spreader settings are approximate. Your spreader setting will depend on the condition of your spreader, the speed at which you walk, and whether the terrain even or not. Calibrate your spreader according the manufacturer's directions. TIP: 1,000 sq. ft. = 20 ft. by 50 ft. Do not use a spreader that applies granules in a narrow, concentrated, or uneven band.

**FIRE ANT MOUND TREATMENT**

Apply 1.5 to 3.0 ounces by weight over and around each fire ant mound. For best results, apply in the early morning or late evening hours when ants are least active. Thoroughly irrigate mound immediately after treatment to remove the chemical from the granules and flush it down into the mound. A minimum of 1 gallon of water should be applied to each mound, but do not use more than 2 gallons of water as flooding of the mound may result. Apply water gently to avoid disturbing ants and causing migration before chemical can be effective. Treat new mounds as they appear.

### NUISANCE PEST CONTROL

For use in and around flowerbeds and ornamental plantings and around buildings. Apply 3.0 pounds per 1000 sq. ft.

#### PEST

Ants, Armyworms, Ticks, Centipedes, Crickets, Cutworms, Earwigs, Firebrats, Fleas, Millipedes, Scorpions, Sowbugs, Silverfish, Spiders

#### Specific Directions:

Apply granules in a band around the building, to shrub and flower beds, foundations, ornamental plantings, and lawn or soil areas immediately adjacent to the building or to active insect sites. For most effective control, lightly water treated area after application to remove the chemical from the granules. Application to wet foliage or during periods of high humidity may cause injury to tender foliage.

### NUISANCE PEST CONTROL IN VEGETABLES AND SMALL FRUITS (NOT FOR USE IN CALIFORNIA)

#### PEST

Ants, Centipedes, Crickets, Cockroaches Cutworms, Earwigs, Grasshoppers, Millipedes, Sowbugs (Pillbugs), Springtails, and Ticks, apply this product evenly over the soil surface. Water lightly after application to release the chemical from the granules. Applications may be made at any time before, during or after the growing season except as indicated in the specific directions for asparagus. Do not use on crops other than those listed below. Observe the pre-harvest intervals\* for applications during the growing season:

CROP	RATE PER 1000 sq. ft.	PHI*	RETREATMENT INTERVAL	MAX. NO. OF APPLICATIONS PER SEASON	COMMENTS
Asparagus (when spears present)	3/4 lb.	1 Day	3 Days	3	No more than 5 applications total when combined with fern stage treatments.
Asparagus (fern stage-after harvest)	3/4 lb.	N/A	7 Days	2	No more than 5 applications total when combined with spear treatments
Sweet corn	3/4 lb.	2 Days	3 Days	8	
Fresh beans or peas	1/2 lb.	3 Days	7 Days	4	
Cucurbit vegetables (cucumbers, melons, pumpkins, squash)	1/4 lb.	3 Days	7 Days	6	
Tomatoes, Peppers, Eggplant	3/4 lb.	3 Days	7 Days	4	
Broccoli, Brussels	3/4 lb.	3	7 Days	3	

Sprouts, cabbage, cauliflower, kohlrabi		Days			
Root and tuber crops (including carrots, parsnips, potatoes, horseradish, salsify, rutabagas, Radishes, beets), sweet potatoes, Turnips (roots)	3/4 lb.	7 Days	7 Days	3	
Sugar Beets (roots and forage)	1/2 lb.	28 Days	14 days	2	
Leafy vegetables (including celery, dandelions endive, lettuce (head & leaf), parsley, rhubarb, spinach, Swiss chard, mustard greens), garden beet tops, turnip tops	3/4 lb.	14 Days	7 Days	3	
Chinese cabbage, collards, kale	3/4 lb.	14 Days	7 Days	3	
Dried beans or peas	1/2 lb.	21 Days	7 Days	4	
Strawberries	3/4 lb.	7 Days	7 Days	5	Product may injure Early Dawn or Sunrise varieties

\*Pre-harvest interval: The time from treatment to harvesting.

Scott's SpeedyGreen® and Scotts AccuGreen® are trademarks of The Scotts Company.

Sevin® is a registered trademark of the \_\_\_\_\_ Company

NOTICE OF DISCLAIMER

BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL INJURY, LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS, OR CAUTIONS.

DRAGON CHEMICAL CORP.  
7033 Walrond Drive N.W.  
Roanoke, VA 24019  
(540) 362-3657

b c f e

TRANSMITTAL LETTER

June 30, 2003

Mr. John Hebert (NOTIF)  
Insecticide-Rodenticide Branch  
Registration Division  
US Environmental Protection Agency  
Office of Pesticide Programs  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Dear Mr. Hebert,

Ref: Turf Protect•R Granular Carbaryl Insecticide  
EPA Registration No. 16-177

This notification is to add marketing claims, spreader settings and minor changes to the application

I have attached an Application Form (8570-1) with the required certification and 5 copies of proposed labels (6 pages).

Should you have any questions, please feel free to call (978) 887-1424.

Sincerely,



Thomas C. McEntee  
Burlington Scientific Corp.  
978 887 1424  
646 872 7300 cell  
631 694 4700 X143