

53883-199

4/29/2010

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

APR 29 2010

Ms. Amy Warren  
Control Solutions Incorporated  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

Subject: Revised Storage and Disposal Statement

Dear Ms. Warren:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated April 13, 2010 for:

**EPA Registration 53883-199**

**IMI 0.5G Insecticide**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, call me at 703 305-5409 or electronically at [daniel.dani@epa.gov](mailto:daniel.dani@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Dani".

Dani Daniel  
Registration Division (7504P)  
Insecticide/Rodenticide Branch

2009



United States **APR 29 2010**  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 53883 - 199	2. EPA Product Manager Venus Eagle	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) IMI 0.5G Insecticide	PM# 1	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041 <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 label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18-U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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:				2. Type of Container	
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		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input checked="" type="checkbox"/> Plastic	
				<input checked="" type="checkbox"/> Glass	
				<input checked="" type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 lb to 50 lb bag		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph Paper glued 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 Amy Warren	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) 800-242-5562
<b>Certification</b> 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 	3. Title Regulatory Affairs Specialist	
4. Typed Name Amy Warren	5. Date 4-13-10	

3049



April 13, 2010

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202-4501

**Re: Notification per (PR) Notice 2007-4, Labeling Revisions required by the Final Rule  
"Pesticide Management and Disposal"  
IMI 0.5G Insecticide (EPA Reg. No. 53883-199)**

Dear Sir or Madam:

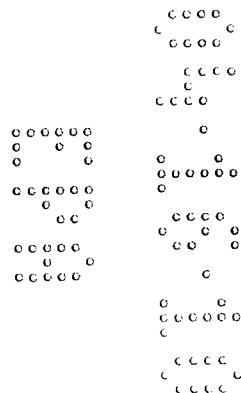
Enclosed is a Notification for (PR) 2007-4; See highlighted text on attached labeling.

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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.

If you have any questions or need additional information, please feel free to contact me.

Sincerely,

Amy Warren  
Regulatory Affairs Specialist  
Control Solutions, Inc.



4 of 9

# NOTIFICATION

APR 29 2010

## IMI 0.5 G Insecticide

For systemic insect control in turfgrass and landscape ornamentals.

Optional marketing language in brackets:

[large picture of a grub on the label]

[Include a picture of the grub life cycle]

[10 Pounds Treats 7000 Sq Ft]

[10 Pounds treats up to 8,300 Sq Ft]

[Controls Billbugs, Green June Beetles and Mole Crickets]

[Apply Once A Year]

[Apply anytime between Spring throughout Summer ]

[For Control of Grubs and Listed Insects]

[Include a picture of any listed insects]

[<PRODUCT NAME> contains imidacloprid, the active ingredient used in <BRAND NAME>™ or ®.]

[<PRODUCT NAME> is not manufactured or distributed by <BASIC REGISTRANT / BRAND HOLDER>, seller of <BRAND>™ or ®.]

[<BRAND>™ or ® is a trademark of <TRADEMARK HOLDER>].

### ACTIVE INGREDIENT:

\*Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine..... 0.5%

**OTHER INGREDIENTS:**..... 99.5%

Total: 100.0%

EPA Reg. No. 53883-199  
EPA Est No. XXXXX-XX-XXX

Net contents \_\_\_\_\_

**STOP - Read the label before use.  
Keep out of reach of children.**

## CAUTION

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

FIRST AID	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>

5049

<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
In case of emergency call Poison Control Center at 800-222-1222. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>Note To Physician:</b> No specific antidote is available. Treat the patient symptomatically.	

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to aquatic 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 when disposing of equipment washwaters or rinsate. Runoff may be hazardous to aquatic organisms in water adjacent treated areas.

This product contains a chemical with properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**DIRECTIONS FOR USE**

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

Do not formulate this product into other end-use products.

**NOTE:** Not for use in commercial greenhouses, nurseries, on sod farms or on grass grown for seed. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

**TURFGRASS**

**IMI 0.5 G Insecticide** is for use on turfgrass in home lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, and athletic fields to control soil inhabiting pests as listed in the table below. **IMI 0.5 G Insecticide** can also be used for the suppression of cutworms and chinch bugs in turfgrass areas.

**APPLICATION INSTRUCTIONS**

Effective control can be achieved when applications are made before or during the egg laying period. The timing of applications can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. For best control apply prior to egg hatch of the target pests, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

**NOTE:** For optimum control, irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch. Do not make applications when turfgrass areas are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist. The area to be treated must be able to accept vertical penetration of rainfall or irrigation water. Avoid mowing turf or lawn area until after sufficient irrigation or rainfall has occurred so that uniformity of application will not be affected.

Do not apply more 80 lb (0.4 lb of active ingredient) per acre per year.

**APPLICATION EQUIPMENT**

Apply **IMI 0.5 G Insecticide** uniformly over the area being treated with granular application equipment. Both drop-type and rotary-type spreaders may be used. Do not use spreaders which apply the material in narrow, concentrated bands. Calibrate application equipment prior to use

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according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

Consult your local State Agricultural Experiment Station, or State Extension Turf Specialists for more specific information regarding timing of application.

RECOMMENDED APPLICATIONS OF IMI 0.5 G INSECTICIDE ON TURFGRASS		
PEST	USE DIRECTIONS	RATE
<b>Larvae of:</b> European Crane Fly, ( <i>Tipula paludosa</i> ) Annual bluegrass weevil, ( <i>Hyperodes</i> spp.) Green June Beetle, ( <i>Cotinis nitida</i> ); May or June beetle, ( <i>Phyllophaga</i> spp.); Asiatic garden beetle, ( <i>Maladera castanea</i> ) Japanese Beetle, ( <i>Popillia japonica</i> ) Billbug, ( <i>Spherophorus</i> spp.) Northern masked chafer and Southern masked chafer, ( <i>Cyclocephala borealis</i> , <i>C. immaculata</i> , and/or <i>C. lurida</i> ) Black turfgrass ataenius, ( <i>Ataenius spretulus</i> and <i>Aphodius</i> spp.) Oriental Beetle, ( <i>Anomala orientalis</i> ) Cutworms (suppression), ( <i>Phyllophaga</i> spp.) European chafer, ( <i>Rhizotroqus majalis</i> )	For optimum control of grubs, billbugs, european crane fly and annual bluegrass weevil, make application prior to egg hatch of the target pest.	60 to 80 lb per acre or 1.4 to 1.8 lb per 1000 sq ft
Chinchbug (suppression) Mole Crickets, ( <i>Scapteriscus</i> spp.)	For suppression of chinchbugs, make application prior to hatching of the instar nymphs.  For control of mole crickets make application prior to or during the peak egg hatch period. When adults or large nymphs are present and actively tunneling, application should be accompanied by a curative insecticide.	80 lb per acre or 1.8 lb per 1000 sq ft

**ORNAMENTALS**

IMI 0.5 G Insecticide can be used as a broadcast application on ornamentals in commercial and residential landscapes.

**APPLICATION INSTRUCTIONS**

IMI 0.5 G Insecticide is a systemic product which is translocated upward within the plant system. For best control, follow applications with sufficient mechanical incorporation, irrigation or rainfall to move the active ingredient into the soil. Irrigation or rainfall should occur within 24 hours after application. Apply prior to pest infestation to achieve optimum control.

7/29

Apply as a broadcast treatment. Prior to application, remove black plastic or other weed barrier material that will not permit water permeability.

NOTE: Avoid runoff or puddling of irrigation water following application. Avoid application of **IMI 0.5 G Insecticide** to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant.

Do not apply more than 80 lb (0.4 lb of active ingredient) per acre per year.

**APPLICATION EQUIPMENT**

Apply **IMI 0.5 G Insecticide** uniformly over the area being treated with granular application equipment. Both drop-type and rotary-type spreaders may be used to apply **IMI 0.5 G Insecticide**. Do not use the type of spreaders which would apply the material in narrow, concentrated bands. Calibrate application equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

APPLICATION OF IMI 0.5 G INSECTICIDE ON ORNAMENTALS		
For use only in and around industrial and commercial buildings and residential areas.		
CROP	PEST	RATE
Landscape Plantings (including trees, shrubs evergreens, flowers, foliage plants, and ground covers)	White grub larvae (such as Japanese beetle larvae, Chafers, <i>Phyllophaga</i> spp. Asiatic garden beetle, Oriental beetle)	1.4 to 1.8 lb per 1000 sq ft

Spreader Settings			
The following chart can be used as a guide in establishing an accurate rate of IMI 0.5 G Insecticide. Application rates will vary depending upon speed, equipment wear and condition of spreader. Carefully calibrate application equipment prior to commercial use of this product.			
SPREADER	SPEED (mph)	SETTINGS	
		60 lb/acre	80 lb/acre
Cyclone Model CB4000	3	3 ¼	3 ½
Earthway Drop	3	9	10
Earthway 10' Rotary	3	11	12
GandyTurf Tender24"	3	16	19
GandyTurf Tender 42"	3	21	23
Lely	4.5	3.5	-
Lesco Model 6000	3	B ½	C
PS8 Prizelawn CBR-II	3	3 ¼	3 ½
Scotts Proturf R-8A	3	H	I
Scott's Proturf SR-1	3	H	I
Scott's PF-1, PF-2, PF-3, PF-4 Drop	3	4	4 ½
Scott's SS-1 Drop	3	4	4 ½
Spyker Model 34	3	3.1	3.2
Vicon Model PS-203	4.5	13	16

**RESTRICTIONS**

Treated areas may be replanted with any crop specified on an imidacloprid label, or with any crop for which a tolerance exists for the active ingredient.

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For crops not listed on an imidacloprid label, or for crops for which no tolerances for the active ingredient have been established, a 12- month plant-back interval should be observed.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Carefully handle the container to prevent spills. If material is spilled, carefully contain any material to prevent non-target contamination. Do not walk through spilled material and dispose of as directed for pesticides below.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**

**If empty:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Do not rinse unless required for recycling. If recycling is not available, then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**If partly filled:** Call your local solid waste agency for disposal instructions. Never pour unused product down any indoor or outdoor drain.

**IMPORTANT READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product.

If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Control Solutions Inc.'s (CSI) control it is impossible for Control Solutions Inc. to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

**WARRANTY STATEMENT**

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent by law, Control Solutions, Inc. shall in no event be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except, as expressly provided herein, Control Solutions, Inc. makes no warranties, guarantees, or representations of any kind, either expressed or implied, by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited



