

70506-142

05-30-2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

70506-142

Date of Issuance

MAY 30 2007

Term of Issuance: Conditional

Name of Pesticide Product:

Imidacloprid 0.5G Insecticide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ms. Rebecca A. Clemmer
United Phosphorus, Inc.
423 Riverview Plaza
Trenton, NJ 08611

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3)(c)(2)(B).

- 1. Revise the EPA Registration Number to read, EPA Reg. No. "70506-142".

Signature of Approving Official.

Dani Daniel
Insecticide-Rodenticide Branch
Registration Division (7505P)

Date

MAY 30 2007

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2. Within eighteen months of the date of this registration, submit to the Agency the required one year storage stability study (830.6317) for the proposed product under warehouse conditions. The corrosion characteristics study (830.6320) may be carried out concurrently. It is recommended that observations be made at 0, 3, 6, 9, and 12 months.

3. Submit two copies of your final printed label before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(a). Your release for shipment of the product constitute acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this notice, please contact me at (703) 305-5409.

Enclosure

IMIDACLOPRID 0.5G INSECTICIDE

For systemic insect control in turfgrass and landscape ornamentals

ACTIVE INGREDIENT

Imidacloprid – 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine.....	0.5%
Other Ingredients	99.5%
Total	100%

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If Swallowed	<ul style="list-style-type: none"> • Call a <i>poison control center</i> or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on Skin or Clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a <i>poison control center</i> or doctor for treatment advice.
If In Eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a <i>poison control center</i> or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.	
NOTE TO PHYSICIAN: No specific antidote is available. Treat symptomatically.	

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call CHEMTREC at 1-800-424-9300

United Phosphorus, Inc.
423 Riverview Plaza
Trenton, NJ 08611
1-800-247-1557 • www.upi-usa.com

Contents:
EPA Reg. No. 70506-
EPA Est. No.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAY 30 2007**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
70506-192**

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.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Do not apply directly to water, 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.

This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. 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.

GENERAL INFORMATION

General Use Precautions

- Do not apply more than 80 lbs Imidacloprid 0.5 G (0.4 lb ai) per acre per year
- Apply so as to avoid runoff or puddling of irrigation water.
- Do not apply to areas which are waterlogged or saturated, which will not allow penetration into the root zone.
- Before application, ensure that application equipment is properly calibrated.
- Do not use this product on commercial sod farms.
- Do not use this product in commercial greenhouses, nurseries, on sod farms, or on grass grown for seed.
- 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. 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.

Turfgrass Applications

Apply Imidacloprid 0.5 G to turf and ornamentals in sites such as:

Airports	Home lawns
Athletic fields	Multi-family residential complexes
Business and office complexes	Parks
Cemeteries	Playgrounds
Golf courses	Shopping complexes

Due to the residual activity of the active ingredient, applications of Imidacloprid 2F T&O may be made before target pests lay their eggs. For best control, apply before the eggs hatch, basing the need for application on historical monitoring, current season trapping, or other methods. All applications should be followed by rainfall or irrigation to move the active ingredient through the thatch.

When infested turfgrass areas are waterlogged, or soil beneath turf is saturated with water, avoid making applications because it is difficult to obtain thorough and consistent distribution of the product. For best results, ensure that rainfall or irrigation after application will vertically penetrate the soil, allowing the active ingredient to be carried into the zone where the pests are found.

PESTS	RATE IMIDACLOPRID 0.5 G	INSTRUCTIONS
Larvae of: Annual bluegrass weevil Asiatic garden beetle Billbugs Black turfgrass ataenius Cutworms (suppression) European chafer European Crane Fly Green June beetle Japanese beetle Northern masked chafer Oriental beetle Phyllophaga spp. Southern masked chafer	50 to 80 lb per acre or 1.2 to 1.8 lb per 1000 sq. ft.	For best control of grubs, billbugs, European crane fly and annual bluegrass weevil, apply before egg hatch. <u>Chinchbugs (suppression)</u> : apply before first instar nymphs hatch. <u>Mole crickets</u> : apply before or during the peak egg hatch period. When adults or large nymphs are present and actively tunneling, Imidacloprid 0.5G Insecticide application should be accompanied by a curative insecticide. Consult your local State Agricultural Experiment Station or State Extension Turf Specialists for assistance regarding timing of application.
Chinch bug (suppression) Mole crickets	80 lb per acre or 1.8 lb per 1000 sq. ft.	NOTE: For best control, irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch. On golf courses, irrigate treated areas following application. Avoid mowing turf or lawn area until sufficient irrigation or rainfall has occurred. Do not apply more than 80 lb. Imidacloprid 0.5 G (0.4 lb. of active ingredient) per acre per year.

Ornamental Applications

Apply Imidacloprid 0.5 G to plants used for aesthetic purposes or climatic modification that are being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

Imidacloprid 0.5G Insecticide can be used as a broadcast application on ornamentals in commercial and residential landscapes. Because Imidacloprid 0.5G Insecticide is a systemic product that is translocated upward within the plant system, best control will be achieved when applications are followed by sufficient mechanical incorporation, irrigation or rainfall to move the active ingredient into the soil. Apply before anticipated pest infestation for best control.

Application

Apply Imidacloprid 0.5G Insecticide uniformly over the area being treated with drop-type or rotary-type spreaders. Avoid the use of spreaders which apply material in narrow, concentrated bands. Calibrate application equipment prior to use according to the manufacturer's directions, and check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

ORNAMENTAL APPLICATIONS		
Landscape plantings including trees, shrubs, evergreens, flowers, foliage plants, ground covers		
PESTS	RATE	INSTRUCTIONS
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.	Apply as a broadcast treatment. Before applying, remove black plastic or other weed barrier material that will not permit water to reach soil surface. NOTE: For best control, mechanical incorporation, irrigation or rainfall should occur within 24 hours after application to move the active ingredient into the soil. Refer to label sections below for application equipment and spreader settings.

Spreader Settings for Imidacloprid 0.5G Insecticide			
The following chart can be used as a guide in establishing an accurate rate of Imidacloprid 0.5G 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/A	80 lb/A
Cyclone Model CB4000	3	3.25	3.50
Earthway Drop	3	9	10
Earthway 10' Rotary	3	11	12
Gandy Turf Tender 24"	3	16	19
Gandy Turf Tender 42"	3	21	23
Lely	4.5	3.50	-
Lesco Model 6000	3	B ½	C
PSB Prizelawn CBR-11	3	3.25	3 1/2
Scott's 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	4.50
Scott's SS-1 Drop	3	4	4.50
Spyker Model 34	3	3.1	3.2
Vicon Model PS-203	4.5	13	16

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.
To Confine Spills: Handle and open container in a manner as to prevent spillage. If the container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile and dispose of as directed for pesticides below. Refer to Precautionary Statements on label for hazards associated with the handling of this material. In spill or leak incidents, keep unauthorized people away.
Pesticide Disposal: Pesticides wastes are toxic. Improper disposal of excess pesticide, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous

Waste representative at the nearest EPA regional Office for guidance.

Container Disposal: Do not use container in connection with food, feed, or drinking water. Completely empty container into the processing equipment. Then dispose of empty container in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**IMPORTANT INFORMATION
READ BEFORE USING PRODUCT**

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of United Phosphorus, Inc. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of United Phosphorus, Inc. and Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold United Phosphorus, Inc. and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, United Phosphorus, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or United Phosphorus, Inc., and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, UNITED PHOSPHORUS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, United Phosphorus, Inc. or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product and **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF UNITED PHOSPHORUS, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF UNITED PHOSPHORUS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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