



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:  
42750-151

Date of Issuance:  
OCT 4 2006

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):

Mr. Morris Gaskins  
Albaugh, Inc.  
304 Janet Street, Suite H  
Valdosta, GA 31602

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. 42750-151".

Signature of Approving Official:

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

Date:

OCT 4 2006

2. Submit to the Agency the required one year storage stability (830.6317) and Corrosion Characteristic study (830.6320) for the proposed product. It is recommended that observations are made at 0, 3, 6, 9, and 12 month intervals.

3. Make the following changes to the warranty statement:

Conditions: in the first line of the condition change the word "should" to "must"

Disclaimer of Warranties: At the beginning of the sentence add: "To the extent consistent with applicable law..."

Limitations of Liability: At the beginning of the sentence add: To the extent consistent with applicable law..."

4. Submit two copies of your final printed labeling 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(e). 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:

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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: . . . . .		100.0%

STOP - Read the label before use.

CAUTION

KEEP OUT OF REACH OF CHILDREN.

FIRST AID	
IF SWALLOWED	<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. Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN OR CLOTHING	<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>
IF IN EYES	<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 Chemtrec toll free at 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	
Note To Physician: No specific antidote is available. Treat the patient symptomatically.	

EPA Reg. No. 42750-xxx

EPA Est. No. xxxxxx-xx-xxx

NET CONTENTS:

Manufactured for:  
ALBAUGH, INC.  
ANKENY, IA 50021

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

OCT 4 2008  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
42750-151

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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, 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.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The ore 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

APPLICATION TO TURFGRASS

Use IMIDACLOPRID 0.5G insecticide to control soil inhabiting pests such as:

COMMON NAME	SCIENTIFIC NAME
Northern & Southern masked chafers	<i>Cyclocephala borealis, C. immaculata, and/or C. lurida</i>
Asiatic garden beetle	<i>Maladera casfanea</i>
European chafer	<i>Rhizotroqus majalis</i>
Green June beetle	<i>Cotinis nitida</i>
May or June beetles,	<i>Phyllophaga spp.</i>
Japanese beetle.	<i>Popillia japonica</i>
Oriental beetle	<i>Anomala orientals</i>
Billbugs	<i>Spharophorus spp.</i>
Annual bluegrass weevil,	<i>Hyperodes spp.</i>
Black turfgrass ataenius,	<i>Ataenius spretulus; Aphodius spp.</i>
European Crane Fly	<i>Tipula paludosa</i>
Mole crickets	<i>Scapteriscus spp.</i>

IMIDACLOPRID 0.5G insecticide will also suppress cutworms and chinchbugs in turfgrass areas.

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Use IMIDACLOPRID 0.5G insecticide as directed on turfgrass in the following sites:

home lawns	airports
business and office complexes	cemeteries
shopping complexes	parks
multi-family residential complexes	playgrounds
golf courses	athletic fields.

Do not apply IMIDACLOPRID 0.5G on commercial sod farms.

IMIDACLOPRID 0.5G Insecticide has enough residual activity to permit application prior the egg laying activity of target pests. Application timing can be based on past infestation of the site, current season adult trapping or other methods. Best pest control is generally achieved when application is made prior to egg hatch of the target pest, followed by sufficient irrigation or rainfall to translocate the active ingredient into the thatch zone where pest are likely to be exposed. Do not apply if turfgrass areas is saturated with water that will prevent consistent distribution of the active ingredient.

Moisture level of treated turf should be low enough that active ingredient will penetrate vertically in the soil profile.

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

#### APPLICATION TO ORNAMENTALS

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

IMIDACLOPRID 0.5G is systemically translocated upward within the plant system after being absorbed from the soil by the plant's root system. Maximum pest control is achieved when applied material is incorporated into the root zone mechanically or irrigation or rainfall. Make application prior to anticipated pest infestation to enhance control.

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

NOTE: Do not 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.

#### APPLICATION EQUIPMENT

Make application of IMIDACLOPRID 0.5G insecticide with normal granular application equipment such as drop-type and rotary-type spreaders. Do not use spreaders which apply the material in concentrated bands. Equipment should be calibrated prior to use according to the manufacturer's directions. Uniform and accurate distribution of granules is crucial for optimal control.

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TURFGRASS APPLICATION

PEST	IMIDACLOPRID 0.5G APPLICATION RATE
Larvae of: European Crane Fly Annual bluegrass weevil Green June beetle Asiatic garden beetle Japanese beetle Billbugs Northern masked chafer Black turfgrass ataeius Oriental beetle Cutworms (suppression) Phyllophaga spp. European chafer 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, make application prior to egg hatch. Be sure to read "APPLICATION EQUIPMENT" Section of this label.	
Chinch bug (suppression) Mole crickets	80 lb per acre or 1.8 lb per 1000 sq ft
For suppression of chinchbugs, make application prior to the hatching of the first instar nymphs.  To control mole crickets, make application before or during the peak egg hatch period. When adults or large nymphs are present and actively tunneling, IMMIDACLOPRID 0.5G application should be accompanied by an insecticide with curative mode of action.	

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

NOTE: Best control is achieved when irrigation or rainfall occurs within 24 hours after application to translocate the active ingredient through the thatch. On golf courses, irrigate treated areas following application.

Do not apply more than 80 lb (0.4 lb of active ingredient) per acre per year. Delay mowing treated area until irrigation or rainfall has occurred so that uniformity of application will not be affected.

APPLICATION TO ORNAMENTALS

Use only in and around industrial and commercial buildings and residential areas to Landscape Plantings (including trees, shrubs, evergreens, flowers, foliage plants, and ground covers)

PEST	DOSAGE MERIT 0.5 0
White grub larvae (such as Japanese beetle larvae, Chafers, Phyllophaga spp. Asiatic garden beetle, Oriental beetle)	1.4 to 1.8 lb per 1000 sq ft

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

NOTE: For optimum control mechanical Incorporation, Irrigation or rainfall should occur within 24 hours after application to move the active Ingredient Into soil.

Refer to label sections on 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/Acre	80 lb/Acre
Cyclone Model CB4000	3	3-1/4	3-1/2
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	3.5	-
Lesco Model 6000	3	B1/2	C
PSB Prizelawn CBR-II	3	3-1/4	3-1/2
Scott's ProturfR-8A	3	H	1
Scott's Proturf SR-1	3	H	1
Scoffs PF-1, PF-2, PF-3, PF-4 Drop	3	4	4-1/2
Scott's SS-1 Drop	3	4	4-1/2
Spyker Model 34	3	3.1	3.2
Vicon Model PS-203	4.5	13	16

RESTRICTIONS

- Avoid runoff or puddling of irrigation water following application. Avoid application of IMIDACLOPRID 0.5G Insecticide to areas which are waterlogged or saturated, which will not allow penetration into the root zone of the plant.
- Do not apply more than 8.0 lb (0.4 lb of active ingredient) per acre per year.
- 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.

STORAGE AND DISPOSAL

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

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: Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill, by incineration, or if allowed by the state and local authorities, by burning. If burned, stay out of smoke.

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.

Handle and open container in a manner as to prevent spillage. If material is spilled for any reason or cause, carefully contain any spilled material to prevent non-target contamination. Do not walk through spilled material and dispose of as directed for pesticides above. Refer to Precautionary Statements on label for hazards associated with the handling of this material. In spill or leak incidents, keep unauthorized people away. You may contact Chemtrec at 800-424-9300.

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 Albaugh's control it is impossible for Albaugh 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.

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