

228-610

09-22-2009

1/21



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

228-610

Date of Issuance:

SEP 22 2009

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Imi-Lambda Granules T&O
Insecticide Soil & Turf Killer
Granules

Name and Address of Registrant (include ZIP Code):

Nufarm Americas Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

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 section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 228-610."
 - On page 1 and page 12 it indicates both "Broadcast with Spreader" and "No Spreader" statements. Add brackets around each phrase so that it is clear that the formulation may be sold in either and the one that is needed will be picked for each specific label.

Signature of Approving Official:

Date:

SEP 22 2009

Venus Eagle, Product Manager
Insecticide-Rodenticide Branch, Registration Division (7505P)

- On page 18, at the bottom of the page, delete the phrase: “(optional marketing language)” as all “optional marketing language” needs to appear on the label for approval.
3. Storage stability (830.6317) and corrosion characteristics (830.6320) data must be submitted within 18 months from the date of this registration notice.
 4. Submit one copy of the revised final printed label for the record 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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Venus Eagle
Product Manager
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure

Imi-Lambda Granular T&O Insecticide

Soil & Turf Insect Killer Granules

For use around buildings and structures for the control of listed pests, including on lawns, around the base of ornamental trees and shrubs, around residential, institutional, public, commercial, agricultural and industrial buildings; and on parks, on recreational areas, and on athletic fields.

[One application kills grubs [including] [larvae of] [Asiatic Garden Beetle], [Black Turfgrass Ataenius], [Chafers], [Japanese Beetle], [May or June Beetle], [and] [Oriental Beetle]

[Apply anytime late spring through late summer.]

[Apply anytime from May through mid-August]

[One application kills [White] [Grubs] [and] [European Crane Fly Larvae]

[Kills [White] [Grubs] [and] [European Crane Fly Larvae] before they damage lawns.]

[Easy-to-Use Granules]

[Kills Grubs Now, Prevents them from entering treated area]

Kills [Controls] many types of insects, including ants, chinch bugs & grubs

Broadcast with spreader.

Resealable Bag

For Perimeter Treatment Around Your House Foundation

Kills Ants, Mole crickets and other listed insects

Convenient Shaker Bag

No Spreader

Controls Chinch Bugs and cutworms

[Use on lawns and as a perimeter treatment around your house foundation]

[Grub life cycle and graphics] (see last page for graphics)

Restriction:

Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties, New York.

ACTIVE INGREDIENTS

Imidacloprid..... 0.20%

Lambda-cyhalothrin0.04%

OTHER INGREDIENTS 99.76%

TOTAL: 100.00%

EPA Reg. No. 228-~~ARN~~ 610

EPA Est. No. XXXXX-XX-XXX

Net contents _____

STOP - Read the label before use.

KEEP OUT OF REACH OF CHILDREN

CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use on side/back panel.

ACCEPTED
With COMMENTS
In EPA Letter Dated:
SEP 22 2009

Under the Federal Insecticide, Fungicide and Rodenticide Act, As amended, for the pesticide Registered under EPA Reg. No:

228-610

FIRST AID	
If in eyes	<ul style="list-style-type: none">▪ 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.▪ Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">▪ Call a poison control center 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 a 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 to 20 minutes.▪ Call a poison control center or doctor for treatment advice.
In case of Medical emergency only call 877.325.1840 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.	

For spill or transportation emergencies call CHEMTREC (1-800-424-9300).

EPA Reg. No. 228-ARN
Nufarm Americas Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527
630.455.2000

EPA Est. No.
Net Weight: xx lbs

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

CAUTION - Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish and 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 to 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.

[COMMERCIAL USE LABEL LANGUAGE]

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber > 14 mils, nitrile rubber > 14 mils, and neoprene rubber > 14 mils. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Loaders, applicators and other handlers must wear:

Long-sleeved shirt and long pants,
Shoes plus socks,

Chemical-resistant gloves are required for applicators using hand held equipment
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS:

Users Should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

INTENDED FOR COMMERCIAL APPLICATIONS

DIRECTIONS FOR USE

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

Restrictions:

- Keep children and pets off treated area until product has been watered in and lawn is dry.
- Do not apply this product to edible growing crops or stored raw agricultural commodities used for food or feed.
- Do not allow applications to contact water inhabited by fish, such as in ornamental fish ponds that are located around structures being treated.
- Do not apply this product by aerial application.
- Use of this pesticide adjacent to water may affect aquatic organisms. To protect these organisms, do not apply this pesticide within 25 ft. of lakes, reservoirs, rivers, permanent streams, marches or natural ponds, estuaries, and commercial fish farm ponds.
- In New York State, this product may not be applied within 100 feet of a coastal marsh, or streams that drains directly into a coastal marsh.
- All restrictions and precautions which appear on the label of this product must be followed.
- Do not apply more than 200 pounds of this product per acre per year (4.6 lb per 1000 square feet per year).
- Not for use in commercial greenhouses, nurseries on sod farms or on grass grown for seed

IMPORTANT: Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, outdoor ornamental gardens or parks, or on lawns or grounds.

ORNAMENTALS

This product can be used as a broadcast application on ornamentals in commercial and residential landscapes.

APPLICATION INSTRUCTIONS

This product is a systemic product which is translocated upward within the plant system. Follow applications with sufficient mechanical incorporation, irrigation or rainfall to move the active ingredient into the soil within 24 hours after application. Apply prior to pest infestation to achieve optimum control.

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

Do not allow runoff or puddling of irrigation water following application. Do not apply this product to areas which are water logged or saturated, which will not allow penetration into the root zone of the plant.

Restriction:

Do not apply more than 4.6 lb of product per 1,000 sq. ft. or 200 lb of product (0.4 lb of imidacloprid active ingredient) per acre per year.

APPLICATION EQUIPMENT

Apply this product uniformly over the area being treated with granular application equipment. Both drop-type and rotary-type spreaders may be used to apply this product.

Do not use the type of spreaders which would apply the material in 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 THIS PRODUCT ON ORNAMENTALS		
For use around industrial and commercial buildings and on residential areas.		
SITE	PEST	RATE of PRODUCT
Landscape Plantings (including ornamental 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)	2 to 3 lbs per 1,000 sq ft

INFORMATION

For use on turfgrass in residential 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. This product can also be used for the suppression of cutworms and chinchbugs in turfgrass areas.

CONTROL OF GRUBS AND SOIL INSECTS IN TURFGRASS

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. Allow rainfall or irrigate sufficiently 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. Do not mow turf or lawn area until after sufficient irrigation or rainfall has occurred so that uniformity of application will not be affected.

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

APPLICATION EQUIPMENT

Apply this product 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 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.

RATES OF THIS PRODUCT FOR GRUB AND SOIL INSECT CONTROL ON TURFGRASS		
PEST	USE DIRECTIONS	RATE
Larvae of: 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.	3.4 to 4.6 lb per 1,000 sq ft (150 to 200 lbs per acre)
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, apply with a remedial insecticide.	4.6 lb per 1,000 sq ft (200 lbs per acre)

LAWN AND PERIMETER PEST CONTROL

This product may be used for applications to maintain outdoor areas where turf and ornamental ground covers are grown such as residential landscaped areas and non residential landscapes around institutional, public, and commercial buildings, and on parks, recreational areas, and athletic fields. Use this product with suitable application equipment to ensure uniform coverage over the treatment area. The application rates listed in the **Lawn and Perimeter Use Rate** table will provide excellent control of the respective pests under typical conditions.

APPLICATION INSTRUCTIONS

Use higher rate for longer length of control. Watering (irrigation or rainfall) following application will dissolve the granules and release the insecticide. Uniform coverage is necessary to provide the most effective level of control. Consult your state university or local Cooperative Extension Service office for specific pest control application timing in your area. Start application to turf prior to the establishment of high insect pest

populations and significant turf damage. Make reapplications as necessary to keep pest populations under control, using higher rates as pest pressure increases.

TREATMENT	PEST	Rate of Product Per 1000 ft ²	Rate of Product per Acre
Band Treatment Around Foundation	Ants (Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance) (excluding carpenter, pharaoh and imported fire ants) Beetles Crickets Earwigs Firebrats Millipedes Mites	2.2 – 3.3 lbs.	97-144 lbs.
Overall Lawn Application	Ants Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance) (excluding carpenter, pharaoh and imported fire ants) Armyworms (Fall & Yellow-striped) Crickets Cutworms Earwigs European Crane Flies Grasshoppers Green June Beetles Japanese Beetle (Adult) Leafhoppers Millipedes Mites Lawn moths (Sod webworms) Spider Mites (Twospotted, Spruce) Spittlebugs Springtails	2.2 – 3.3 lbs.	97 – 144 lbs.
Overall Lawn Application	Billbugs Chinch Bugs Dung beetles* Green June beetle grubs* Hyperodes weevils Japanese beetle grubs* Mole Crickets	3.3 – 4.4 lbs	144 - 194 lbs.
Spot Treatment	Ants (excluding carpenter, pharaoh and imported fire ants)	Apply 1 teaspoon to ½ cup over, and 2 ft. around each ant mound	
* Suppression only			

RESTRICTIONS

Treated areas may be replanted with any crop specified on both imidacloprid and lambda cyhalothrin labels, or with any crop for which a tolerance exists for both active ingredients.

For crops not listed on imidacloprid and lambda cyhalothrin labels, or for crops for which no tolerances for the active ingredients have been established, a 12-month plant-back interval must be observed.

SPECIFIC USE INSTRUCTIONS

Treatment around Foundations

To control pests normally found around or near foundations of houses, as well as in lawns, and certain of these pests that may enter houses.

Pests	Rate of Product	Use Instructions
Ants (Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance) (excluding carpenter, pharaoh and imported fire ants) Beetles Crickets Earwigs Firebrats Millipedes Mites	Apply at the rate of 2.2 lb to 3.3 lb per 1,000 sq. ft. (an area 5' x 200') oz. or 3.5 oz. to 5.3 oz. per 100 sq. ft. (10' x 10').	Apply a 3 to 10 foot band of granules next to the house foundation and completely distribute the granules. Water lightly immediately following application. Treat when insects first appear or when you notice lawn damage. Remove leaf litter and debris from the foundation area. Cut back branches and vegetation that touch the foundation. Rake away other potential pest harborage sites, such as deep mulch before application.

Overall Lawn Application

Pests	Rate of Product	Use Instructions
Ants (Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance) (excluding carpenter, pharaoh and imported fire ants) Armyworms (Fall & Yellow-striped) European Crane Flies Crickets Cutworms Earwigs Lawn moths (sod webworms) Grasshoppers Japanese beetle (adults) Spittlebugs Mites Green June Beetles Leafhoppers Millipedes Springtails	Apply at the rate of 2.2 lb to 3.3 lb per 1,000 sq. ft. (an area 20' x 50') or 3.5 oz. to 5.3 oz. per 100 sq. ft. (10' x 10').	Apply with a fertilizer spreader (see spreader setting chart). Apply when grass is dry and water the lawn lightly immediately following application. Treat when insects first appear or when you notice lawn damage.

<p>Billbugs Grubs (Japanese beetle grubs, Green June Beetle Grubs) <i>Ataenus spretulus</i> (dung beetles) Hyperodes Weevils Mole Crickets Chinch bugs</p>	<p>Apply 3.3 lb. per 1,000 sq. ft. of lawn.</p>	<p>Water grass completely immediately following application.</p> <p>Treat when insects first appear or when you notice lawn damage.</p> <p>For hyperodes weevils, apply in April-May.</p> <p>For billbug control, apply in May when activity is first observed or when chewed or brown grass indicates damage from these insects.</p> <p>For grub control, except on dung beetle, treat any time between late July and early October.</p> <p>For dung beetle grub control, apply in early spring or early summer (March-July) when damage is first noticed: Immediately following application, completely water grass with ¼ to ½ inch of water. If a second generation occurs, treat again in late summer or early fall.</p> <p>For chinch bug control, apply at higher rates during the summer when both nymphs and adults may be present.</p> <p>For mole crickets apply in the early spring for control of adults when actively invading grass areas. If the soil is dry, water before application to bring mole crickets closer to the surface and in contact with the granules. Apply late in the day and water in following application. For control of early nymphal stages, apply at the time of peak egg hatch. As the nymphs mature, higher rates may be necessary.</p>
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Spot Treatment

Pests	Rate of Product	Use Instructions
<p>Ants (Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance) (excluding carpenter, pharaoh and imported fire ants)</p>	<p>Apply 1 teaspoon to ½ cup over, and 2 ft. around each ant mound</p>	<p>Use both broadcast and spot treatment for difficult to large ant infestations. If soil is dry, water lightly before application to bring the ants closer to the surface for better control. Immediately following application, water in completely. Apply a minimum of 1 gallon of water to each mound area. To prevent the disturbance of ants, water gently. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. For best results, apply in cool weather, 65°-80° F, or in early morning or late evening hours. Treat new mounds as they appear.</p>

Spreader Settings for Lawn Application

Spreader Settings			
The following chart can be used as a guide to establish an accurate rate of this product. Application rates will vary depending on speed, equipment wear, and condition of spreader. Carefully calibrate application equipment prior to commercial use of this product.			
SPREADER	SPEED (mph)	SETTINGS	
		150 lb/acre	200 lb/acre
Cyclone Model CB4000			
Earthway Drop			
Earthway 10' Rotary			
GandyTurf Tender24"			
GandyTurf Tender 42"			
Lely	TO BE ADDED AT PRINTING		
Lesco Model 6000			
PS8 Prizelawn CBR-II			
Scotts Proturf R-8A			
Scott's Proturf SR-1			
Scott's PF-1, PF-2, PF-3, PF-4 Drop			
Scott's SS-1 Drop			
Spyker Model 34			
Vicon Model PS-203			

NOTE: The spreader settings stated are approximate. Precisely weigh a few pounds into your spreader and apply to a measured area. To assure correct rate of application, adjust spreader settings if needed.

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 Nufarm Americas Inc. control it is impossible for Nufarm Americas 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

Nufarm Americas, 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 Nufarm Americas, Inc. To the extent consistent with applicable law, Nufarm Americas, 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. To the extent consistent with applicable law, except, as expressly provided herein, Nufarm Americas, Inc. makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, the exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Nufarm Americas, Inc. election, the replacement of this product.

[INTENDED FOR RESIDENTIAL USE LABEL LANGUAGE]

For use on Lawns, Ground Covers, Flower Beds, and around the base of Ornamental Trees & Shrubs. Kills Grubs, European Crane Fly Larvae and Mole Crickets.

[One application kills grubs [including] [larvae of] [Asiatic Garden Beetle], [Black Turfgrass Ataenius], [Chafers], [Japanese Beetle], [May or June Beetle], [and] [Oriental Beetle] [Apply anytime spring through late summer.] [Apply anytime from May through mid-August] [One application kills [White] [Grubs] [and] [European Crane Fly Larvae] [Kills [White] [Grubs] [and] [European Crane Fly Larvae] before they damage lawns.] [Easy-to-Use Granules] [Kills Grubs Now, Prevents them from entering treated area] Kills [Controls] many types of insects, including ants, chinch bugs & grubs Broadcast with spreader Resealable Bag For Perimeter Treatment Around Your House Foundation Kills Ants (excluding carpenter, pharaoh and imported fire ants) Mole crickets and other listed insects Convenient Shaker Bag No Spreader Controls Chinch Bugs and cutworms [Use on lawns and as a perimeter treatment around your house foundation] [Grub life cycle and graphics] (see last page for graphics) [Helps your lawn stay strong during the stressful summer months] (may be included on label if marketed on fertilizer carrier) [14-0-3] (may be included on label if marketed on fertilizer carrier)

Restriction:
Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties, New York.

ACTIVE INGREDIENTS

Imidacloprid.....	0.20%
Lambda-cyhalothrin	0.04%
OTHER INGREDIENTS	99.76%
TOTAL:	100.00%

EPA Reg. No. 228-ARN
EPA Est. No. XXXXX-XX-XXX

Net contents _____

STOP - Read the label before use.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use on side/back panel.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> ▪ 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. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> ▪ Call a poison control center 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 a 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 to 20 minutes. • Call a poison control center or doctor for treatment advice.
In case of emergency call Poison Control Center at 877-325-1840. 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.	

For spill or transportation emergencies call CHEMTREC (1-800-424-9300).

EPA Reg. No. 228-ARN
Nufarm Americas, Inc.
150 Harvester Drive Suite 200
Burr Ridge, IL 60527

EPA Est. No.

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

CAUTION - Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. To protect the environment, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutters or surface waters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact any person or pet, either directly or through drift.

Keep people and pets out of the area during application. Keep children and pets off treated area until product has been watered in and lawn is dry. Applicators and other

handlers who handle this product should wear long-sleeved shirt, long pants, and shoes with socks.

RESTRICTION:

Do not apply more than 4.6 lb of this product per 1000 square feet or 200 lb of product (0.4 lb of imidacloprid active ingredient) per acre per year.

INTENDED FOR RESIDENTIAL TURF AND ORNAMENTAL APPLICATIONS

INFORMATION

This product can used on lawns, flower beds, ground covers, ornamental trees and shrubs to control White Grubs (including larvae of Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafers, Japanese Beetle, May or June Beetle, and Oriental Beetle), Mole Crickets and European Crane Fly Larvae.

For best results, apply this product before grubs, mole crickets or European crane fly larvae hatch and can cause any damage. Contact your County Extension Agent for the best dates to apply in your area.

Pests Controlled	When to Apply	Indication of Damage
Grubs	Apply once anytime from May through mid-August.	White grubs cause widespread damage to lawns by feeding on grass roots, causing it to turn yellow, then brown and die.
European crane fly larvae	Apply once, when these insects are present in large numbers, late summer to mid-fall.	European crane fly larvae cause damage by feeding on grass roots and disturbing the soil surface.
Mole Crickets	Apply once anytime from mid-May through mid-June. Florida residents-Apply once anytime between early April through early May.	Mole crickets cause widespread damage by tunneling through the soil, while some species also feed on roots. Tunneling through the soil uproots the grass causing it to dry out, become thin and weedy, turn yellow and eventually die.

FLOWER BEDS, GROUND COVERS, ORNAMENTAL TREES AND SHRUBS

Application Instructions

Apply this product at the rate of 1 tablespoon per 10 square feet of planting bed (3/4 cup per 100 square feet of planting bed). Evenly spread granules to the soil over flower

beds, ground cover plantings, and ornamental shrub beds and under ornamental trees. Use a hand-held spreader. Rake granules into the soil around plants. Water thoroughly after application.

LAWNS

Application Instructions

See Spreader Settings chart below. Adjust spreader to the appropriate setting. Make sure that the spreader works properly and spreads granules uniformly. Apply to the border and then fill in the center to ensure the entire area is covered completely. To make sure that the product is evenly distributed, walk at a steady pace making parallel passes. Do not use a spreader that applies granules in concentrated or uneven bands. Water thoroughly after application.

Apply early before grubs, mole crickets and European crane fly larvae hatch. Irrigate thoroughly within 24 hours of application to form a protective zone in the soil. Do not mow until granules are watered into the soil and grass has dried. Do not apply to water saturated areas. This may decrease product effectiveness. This product can be applied over soil or mulch. Remove black plastic or other weed barrier material prior to application.

Spreader Settings*

Rate for Grubs and European Crane Fly Larvae: 3.2 lbs. per 1,000 square feet.

Rate for Mole Crickets: 4.2 lbs. per 1,000 square feet.

Broadcast Spreaders Model	3.2 lb. rate	4.2 lb. rate	Distance Between Passes (ft.)
	Setting	Setting	
Cyclone Rotary			
Earthway Rotary			
EV-N Speed			
K-Gro Rotary			
Ortho Rotary			
Precision Rotary (#SB50)	Spreader settings available at printing		
Red Devil Rotary			
Republic EZ Rotary (#540)			
Scotts Easygreen (#EG-3)			

Scotts Speedygreen 1000			
Scotts Speedygreen 2000			
Scotts Speedygreen 3000			
Sears Rotary			
True Temper Rotary			
Vigoro Rotary			
Drop Spreaders	3.2 lb. rate	4.2 lb. rate	Distance Between Passes (ft.)
Model	Setting	Setting	
Amzs Drop			
K-Gro Drop			
Ortho Drop			
Precision Drop (#FH22G)			
Red Devil Drop	Spreader settings available at printing		
Republic EZ Drop (#530)			
Scotts Accugreen 1000			
Scotts Accugreen 2000			
Scotts Accugreen 3000			
Scotts Drop (#PF1, PF2, PF3, PF4)			
Sears Drop			
Sta-Green Drop			
Vigoro Drop			
<p>*Spreader settings are approximate. The condition of your spreader, the speed that you walk, and uneven terrain may affect the rate of application. Calibrate your spreader according to manufacturer's instructions.</p> <p>TIP: 1,000 sq. ft. = 20 ft. x 50 ft.</p>			

[Optional Spreader Settings chart and text may be used with fertilizer carriers:]

Spreader settings for Lawn Application

Make & Model	x.x lb/ 1,000 sq. ft.	Make & Model	x.x lb/ 1,000 sq. ft.
Scotts EdgeGuard	4 ¼	Scotts AccuGreen 1000	5 ½
Scotts SpeedyGreen 1000	4 ¼	Scotts AccuGreen 2000	5 ½
Scotts SpeedyGreen 2000	4 ¼	Scotts AccuGreen 3000	5 ½
Scotts SpeedyGreen 3000	4 ¼	Earthway 2000	8
Vigoro 4300	3	Earthway 2050	6

[Typically, a lawn utilizes 1 to 4 lbs of nitrogen per 1000 sq ft per growing season. When applied as directed, this product provides x.xx lb of nitrogen per 1000sq ft. Contact your local Extension Service for information specific to your geographic region. (optional text when using fertilizer carriers.)

[GUARANTEED ANALYSIS 14-0-3
Total Nitrogen (N).....14%
 14.0% Urea Nitrogen
Soluble Potash (K2O).....3%

Derived from: Urea, Muriate of Potash

F1074] (optional text when using fertilizer carriers)

[Typically, a lawn utilizes 1 to 4 lbs of nitrogen per 1000 sq ft per growing season. When applied as directed, this product provides x.xx lb of nitrogen per 1000sq ft. Contact your local Extension Service for information specific to your geographic region.]

[When applied as directed this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials.]

[Information regarding the contents and level of metals in this product is available on the Internet at HTTP// www.regulatory-info-sb.com]

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container. Keep area inaccessible to children and pets.

CONTAINER DISPOSAL: If empty: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. 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 Nufarm Americas Inc.'s control it is impossible for Nufarm Americas 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

Nufarm Americas, 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 Nufarm Americas, Inc. To the extent consistent with applicable law, Nufarm Americas, 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. To the extent consistent with applicable law, except, as expressly provided herein, Nufarm Americas, Inc. makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, the exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Nufarm Americas, Inc. election, the replacement of this product.

[Grub life cycle and graphics] (optional marketing language)

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Lifecycle of the Grub

 <p>EGG The grub starts its life as an egg, which is laid by the adult grub.</p>	 <p>MARCH The grub hatches from the egg and begins to feed on plant roots.</p>	 <p>MAY The grub continues to grow and feed on plant roots.</p>	 <p>JUNE The grub continues to grow and feed on plant roots.</p>	 <p>JULY The grub continues to grow and feed on plant roots.</p>	 <p>AUGUST The grub begins to pupate and prepares for its final molt.</p>	 <p>OCTOBER The grub has reached the adult stage and is ready to lay eggs.</p>
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