

# GreenYard Professional Fertilizer With Imi-Lambda Insecticide



18-0-2

## Guaranteed Fertilizer Analysis:

Total Nitrogen (N) . . . . .	18%
18.00% WATER SOLUBLE NITROGEN *	
0.00% WATER INSOLUBLE NITROGEN	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) . . . . .	0%
Soluble Potash (K <sub>2</sub> O) . . . . .	2%

Derived from: Urea, Polymer Coated Sulfur Coated Urea, Muriate of Potash

\*7.20% SLOWLY AVAILABLE NITROGEN FROM POLYMER COATED SULFUR COATED UREA

Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn, and sweep any product that lands on the driveway, sidewalk, or street back onto your lawn.

**IN MD APPLY AT A MAXIMUM OF .9# OF NITROGEN PER 1,000 SQ. FT**

For use around buildings and structures for the control of listed pests, including on lawns, and on parks, on recreational areas, and on athletic fields.

**Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties, New York. In New York State, this product may not be applied to lawns within 100 ft. of a coastal marsh or stream that drains directly into a coastal marsh.**

### ACTIVE INGREDIENTS:

Imidacloprid . . . . .	0.20%
Lambda-cyhalothrin . . . . .	0.04%
<b>OTHER INGREDIENTS</b> . . . . .	<b>99.76%</b>
<b>TOTAL</b> . . . . .	<b>100.00%</b>

EPA Reg. No. 228-610-534

EPA Est. No. 75527-PA-12

**STOP - Read the label before use.**

## Keep Out of Reach of Children CAUTION/PRECAUTION

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	
<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.</li> <li>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>
<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>
<b>HOT LINE NUMBER</b> - 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.	
<b>NOTE TO PHYSICIAN</b> - No specific antidote is available. Treat the patient symptomatically.	

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300 • For Medical Emergencies Only, Call (877) 325-1840

### 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.

### 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:
<b>Users Should:</b> 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 landscapes, outdoor ornamental gardens or parks, or on lawns or grounds.

**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. Refer to bag for spreader chart.

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 spp.</i> ); June Beetle, ( <i>Cotinis nitida</i> ); May or June beetle, ( <i>Phyllophaga spp.</i> ); Asiatic garden beetle, ( <i>Maladera castanea</i> ); Japanese Beetle, ( <i>Popillia japonica</i> ); Billbug, ( <i>Sphenophorus spp.</i> ); Northern masked chafar and Southern masked chafar, ( <i>Cyclocephala borealis</i> , <i>C. immaculata</i> , and/or <i>C. lurida</i> ); Black turfgrass ataeuius, ( <i>Ataenius spretulus</i> and <i>Aphodius spp.</i> ); Oriental Beetle, ( <i>Anomala orientalis</i> ); Cutworms ( <i>suppression</i> ); European chafar, ( <i>Rhizotoxus 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 - 4.6 lb per 1,000 sq ft  (150 - 200 lbs per acre)
PEST	USE DIRECTIONS	RATE
Chinchbug ( <i>suppression</i> ) Mole Crickets, ( <i>Scapteriscus spp.</i> )	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 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.

**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.

TREATMENT	PEST	Rate of Product Per 1000 ft <sup>2</sup>	Rate of Product per Acre
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);Lea hoppers;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.

\* Suppression only

#### SPECIFIC USE INSTRUCTIONS - Overall Lawn Application

PEST	RATE
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;Leathoppers; 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')

**USE INSTRUCTIONS:** 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.

PEST	RATE
Billbugs;Grubs (Japanese beetle grubs, Green June Beetle Grubs) Ataenius spretulus (dung beetles); Hyperodes Weevils; Mole Crickets ;Chinch bugs	Apply 3.3 lb. per 1,000 sq. ft. of lawn.

**USE INSTRUCTIONS:** Water grass completely immediately following application. Treat when insects first appear or when you notice lawn damage. For **hyperodes weevils**, apply in April-May. For **billbug control**, apply in May when activity is first observed or when chewed or brown grass indicates damage from these insects. For **grub control**, except on dung beetle, treat any time between late July and early October. 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. For **chinch bug control**, apply at higher rates during the summer when both nymphs and adults may be present. 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.

#### Spot Treatment

PEST	RATE
Ants (Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance) (excluding carpenter, pharaoh and imported fire ants)	Apply 1 to 2 teaspoon over, and 2 ft. around each ant mound

**USE INSTRUCTIONS:** 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.

Refer to Spreader Settings for Lawn Application on back of bag.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal. <b>PESTICIDE STORAGE:</b> Store in original container. Keep area inaccessible to children and pets. <b>PESTICIDE DISPOSAL:</b> Pesticide wastes may be hazardous. Improper disposal of excess pesticide is a violation of Federal Law. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. <b>CONTAINER HANDLING:</b> Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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