

Lebanon Pro



FERTILIZER WITH

Imidacloprid + Lambda Insecticide

17-0-3



22-40513

GUARANTEED ANALYSIS

Total Nitrogen (N)	17.0%	F699
17.0% Urea Nitrogen*		
Soluble Potash (K ₂ O)	3.0%	
Iron (Fe)	3.0%	
0.3% Water Soluble Iron		
Derived From: Urea, Muriate of Potash, Ferric Oxide, Ferrous Sulfate, Polymer Coated Urea.		

*6.8% Slowly available Nitrogen from Polymer Coated Urea.
Chlorine (Cl) not more than 3.0%

NOTICE: This product contains the micronutrient iron. Iron may stain concrete surfaces and should not be applied on dry or water dampened concrete and should be removed from these areas promptly by sweeping or blowing. Do not wash off with water.

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

Spreader Settings	Walking Speed (MPH)	Settings	
		Pounds of product for 1,000 Sq. Ft.	
Lebanon Turf	3	3.4	4.6
Andersons AccuPro	3	4½	5
Earthway Rotary	3	K	N
Gandy	3	15	16
Lely	3	27	29
Lesco (letter/numeric)	3	5½ II	6 II
PennMulch HVO	3	I/17	J/21
ProScape SS	3	M	N
Spyker	3	M	N
Vicon	3	4½	5
		25	28

EPA Reg. No. 53883-395-961
EPA Est. No. 961-PA-01:961-IL-01
Superscript used is first letter of lot number

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, and industrial buildings; and on parks, on recreational areas, and on athletic fields.

ACTIVE INGREDIENTS:

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

KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.

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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International for emergency medical treatment at (866) 897-8050.	
NOTE TO PHYSICIAN	
No specific antidote is available. Treat the patient symptomatically.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long sleeved shirt, long pants, shoes and socks.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish and aquatic invertebrates. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are foraging the treatment area.

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 Imidacloprid 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)

Loaders, applicators and other handlers must wear:

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

Applicators using hand held equipment must wear:

- In addition to PPE above, chemical resistant gloves made out of: barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils.

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. As soon as possible, wash thoroughly and change into clean clothing.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

This product is intended for use by Commercial Applicators.

Apply this product only as specified on this label.

USE RESTRICTIONS

- All restrictions and precautions which appear on the label of this product must be followed.
- 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.
- 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 within 100 feet of a coastal marsh, or streams that drains directly into a coastal marsh.
- Do not apply more than 4.6 lbs. of this product per 1,000 square feet or 200 lbs. of product (0.4 lbs. of imidacloprid active ingredient) per acre 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.

PRODUCT 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 control of cutworms and chinchbugs in turfgrass areas.

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.

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

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 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.

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

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 spp.</i>) Green 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 chafer and Southern masked chafer, (<i>Cyclocephala borealis</i> , <i>C. immaculata</i> , and/or <i>C. lurida</i>) Black turfgrass ateniulus, (<i>Ataenius spretulus</i> and <i>Aphodius spp.</i>) Oriental Beetle, (<i>Anomala orientalis</i>) Cutworms (suppression), 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 – 4.6 lbs. per 1,000 sq. ft. (150 – 200 lbs. per acre)
<i>Chinchbug</i> <i>Mole Crickets</i> , (<i>Scapteriscus spp.</i>)	For control 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 lbs. per 1,000 sq. ft. (200 lbs. per acre)

For technical assistance or more information about our products visit www.LebanonTurf.com

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Made in the U.S.A.
www.LebanonTurf.com

rev:HW/k20

Information regarding the contents and levels of metals in this product is available on the Internet at:
<http://www.regulatory-info-lebsea.com>

Net Weight 50 LBS. (22.7 kg)

LAWN AND PERIMETER CONTROL APPLICATION INSTRUCTIONS

Use the higher listed 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. Restriction: Do not apply more than 4.6 lbs. of product per 1000 sq. ft. per year.

TREATMENT AREAS	PESTS	HOW TO USE	USE RATE
Band Treatment Around residential and commercial property Foundations (not to exceed 3 ft. from foundation; only over soil or plants)	Ants ¹ Beetles Palmetto bugs Water bugs Millipedes Mites Silverfish Sowbugs (Pillbugs) Crickets Earwigs Firebrats Fleas Ticks	Apply a 3 foot band of granules next to the house foundation and evenly distribute the granules over soil or plants. Water lightly immediately after 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.	2.2 – 3.3 lbs. per 1,000 sq. ft. OR 3.5 oz. to 5.3 oz per 100 sq. ft.
Overall Lawn Application	Ants ¹ Armyworms (Fall & Yellow-striped) European Crane Flies Crickets Cutworms Earwigs Fleas Lawn moths (sod webworms) Grasshoppers Japanese beetle (adults) Pillbugs Spittle bugs Mites Green June Beetles Leafhoppers Millipedes Springtails Spider Mites (Twospotted, Spruce) Ticks	Apply with a granular application equipment. ² Apply when grass is dry. Water lawn lightly immediately after application. Treat when insects first appear or when you notice lawn damage.	2.2 – 3.3 lbs. per 1,000 sq. ft. (97- 144 lbs. per acre)
	Billbugs, Grubs (Japanese beetle grubs*, Green June Beetle Grubs*), Ataenius spretulus (dung beetles)*, Hyperodes Weevils, Mole Crickets, Chinch bugs	Immediately water grass thoroughly after 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 dung beetle, treat any time between late July and early October. For dung beetle grub control , apply in spring or early summer (March – July) when damage is first noticed. Water grass thoroughly with ¼ to ½ inch of water immediately after application. Treat again in late summer or early fall if a second generation occurs. For chinch bug control , apply at higher rates during the summer when both nymphs and adults may be present. For control of 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.	3.3 – 4.4 lbs. per 1,000 sq. ft. (144 - 194 lbs. per acre)
Spot Treatment (Not for Use in California)	Ants ¹	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.	Apply 1.0 teaspoon to ½ cup over, and 2 ft. around each ant mound

¹Suppression only

¹Ants (Except Carpenter, Red Imported Fire Ant and Pharaoh): Southern, Field, Allegheny Mound, Cornfield, Honey, Pavement, Nuisance
²To calibrate your spreader, precisely weigh the specified amount of product into your spreader and apply to a measured test area. To assure correct rate of application, adjust spreader settings if needed based upon amount of product applied to test area.

ORNAMENTALS

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 lbs. of product per 1,000 sq. ft. or 200 lbs. of product (0.4 lbs. 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
Landscape Plantings (including ornamental trees, shrubs, evergreens, flowers, foliage plants, and ground covers)	White grub larvae (such as Japanese beetle larvae, Chafer, Phyllophaga spp. Asiatic garden beetle, Oriental beetle)	2 – 3 lbs. per 1,000 sq. ft.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry area away that is inaccessible to children and pets. Store in original container only.

PESTICIDE DISPOSAL: 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.

CONTAINER HANDLING: Non-refillable 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.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions 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 must be followed carefully. However, it is impossible to eliminate all risk associated with the 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 Lebanon Seaboard Corporation. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Lebanon Seaboard Corporation makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Lebanon Seaboard Corporation is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Lebanon Seaboard Corporation disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

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