

# ALLECTUS™ 0.225 INSECTICIDE PLUS FERTILIZER

For fertilization and general insect control in turfgrass areas including athletic fields and parks and residential, commercial, industrial, institutional, and recreational lawns.

**Not for use on golf courses or sod farms.**

Contains LESCO® Poly Plus® Sulfur Coated Urea to provide a uniform growth with extended nitrogen feeding.

**ACTIVE INGREDIENT:**

Imidacloprid*, 1-[(6-Chloro-3-pyridinyl) methyl]-N-nitro-2-imidazolidinimine .....	0.125%
Bifenthrin** .....	0.100%
<b>OTHER INGREDIENTS:</b> .....	<u>99.775%</u>
	100.00%

\*This product is covered by one or more of the following patents: US Patent Nos. 4,742,060, 5,783,203 and 6,264,968. Other patents pending  
 \*\* Cis isomers 97% minimum, trans isomers 3% maximum.  
 Bifenthrin: U.S. Patent No. 4,238,505

**KEEP OUT OF REACH OF CHILDREN  
 CAUTION  
 STOP - Read the label before use**

For MEDICAL and TRANSPORTATION Emergencies ONLY  
 Call 24 Hours A Day 1-800-334-7577  
 For PRODUCT USE Information Call 1-800-331-2867

FIRST AID	
<b>If on skin:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 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>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency call toll free the Bayer Environmental Science Emergency Response Telephone No. 1-800-334-7577. <b>Note to Physician:</b> No specific antidote is available. Treat the patient symptomatically. This product contains a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.	

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This product is extremely 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 washwater or rinsate. Run-off 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.

**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 workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**Do not formulate this product into other end-use products.**

**General Information  
 APPLICATION TO TURFGRASS**

The use of this product will provide plant nutrients as well as providing control of selected insect pests. LESCO ALLECTUS 0.225 Insecticide Plus

Fertilizer can be used for the control of soil inhabiting pests of turfgrass, such as northern and southern masked chafers, *Cyclocephala borealis*, *C. immaculata*, and/or *C. lurida*; Asiatic garden beetle, *Maladera castanea*; black vine weevil, *Otiorynchus sulcatus*; European chafer, *Rhizotroqus majalis*; green June beetle, *Cotinis nitida*; May or June beetles, *Phyllophaga* spp.; Japanese beetle, *Popillia japonica*; oriental beetle, *Anomala orientalis*; *Euetheola humulis rugiceps*; billbugs, *Sphenophorus* spp.; annual bluegrass weevil, *Hyperodes* spp.; black turfgrass ataenius, *Ataenius spretulus*; *Aphodius* spp; European crane fly, *Tipula paludosa*; frit fly, *Oscinella frit*; chinch bugs, *Blissus* spp.; fire ants, *Solenopsis* spp.; cutworms, *Agrotis ipsilon*, *Peridroma saucia*, *Nephalodes menians*; armyworms, *Spodoptera* spp., *Pseudaletia* spp.; sod webworm, *Crambus* spp.; and mole crickets, *Scapteriscus* spp. LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer can be used as directed on turfgrass in sites such as home lawns, business and office complexes, shopping complexes, multi-family residential complexes, airports, cemeteries, parks, playgrounds, and athletic fields.

The active ingredients LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer have sufficient residual activity so that applications for control of subsurface feeders can be made preceding the egg laying activity. The need for an application for control of subsurface feeders can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Optimum control of subsurface feeders will be achieved when applications are made prior to egg hatch of the target pest, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

The active ingredients in LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer have sufficient knockdown and residual activity to provide curative and residual control of surface feeding pests. Applications for control of surface feeding pests can be made when infestations are anticipated based on historical monitoring of the site, previous records or experience, current season adult trapping or presence of insects at economic thresholds as determined by scouting and/or recommendations of local State extension personnel or other qualified specialists.

Do not apply more than 200 lbs. of LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer (0.25 lbs. of imidacloprid, 0.2 lbs. bifenthrin) per acre per application on residential use sites (i.e., around private homes, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, pre-schools or day care facilities). May be applied at up to 400 lbs. of LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer (0.5 lbs. of imidacloprid, 0.4 lbs. bifenthrin) per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields).

Applications should not be made 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 treated turf must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile. Total amount applied cannot exceed 400 lbs. (0.5 lbs. of imidacloprid, 0.4 lbs. of bifenthrin) per acre per year.

**NOTE:** Not for use in commercial greenhouses or on grass grown for seed or on golf courses and sod farms. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamental gardens or parks, or on lawns and grounds.

18-0-8

GUARANTEED ANALYSIS

TOTAL NITROGEN (N) .....	18.00%
18.00% Urea Nitrogen (N)*	
SOLUBLE POTASH (K <sub>2</sub> O) .....	8.00%
SULFUR (S) Total .....	2.21%
2.21% Free Sulfur (S)	
IRON (Fe) Total .....	2.00%
0.02% Water Soluble Iron (Fe)	
DERIVED FROM: Polymer Coated Sulfur Coated Urea, Urea, Muriate of Potash, Iron Sulfate.	
CHLORINE (Cl) Max. ....	6.00%
*6.48% Slowly available Urea Nitrogen from Polymer Coated Sulfur Coated Urea	

**APPLICATION EQUIPMENT**

Apply LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer uniformly over the area being treated with normally used granular application equipment. Both drop-type and rotary-type spreaders may be used to apply LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer. Avoid the use of spreaders that apply the material in narrow, 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.

EPA Reg. No. 432-1417-10404  
 EPA Est. No. 82757-OH-001(M), 82757-FL-001(S),  
 82757-MA-002 (H)

**F1560**  
 Distributed by: **LESCO, Inc.**  
 1301 East 9<sup>th</sup> Street  
 Cleveland, OH 44114-1849

#089903

# ALLECTUS™ 0.225 INSECTICIDE PLUS FERTILIZER

## RECOMMENDED APPLICATIONS (Be sure to read "APPLICATION EQUIPMENT" Section of this label)

CROP	PEST	DOSAGE LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer
Turfgrasses	<b>Larvae of subsurface feeders:</b> Asiatic garden beetle Black turfgrass ataenius Black vine weevil European chafer European crane fly	Green June beetle Japanese beetle Northern masked chafer Oriental beetle <i>Phyllophaga</i> spp. Southern masked chafer
	<b>Adults and/or larvae of subsurface and surface feeding pests:</b> Centipedes Fleas Millipedes Ticks	Imported fire ants <sup>1</sup> Mole crickets <sup>2</sup> Pillbugs <sup>3</sup> Sowbugs <sup>3</sup>
	<b>Adults and/or larvae of surface feeders:</b> Annual bluegrass weevil Billbugs Chinch bugs	Frit fly Leafhoppers Mealybugs Nuisance ants
	<b>Larvae of surface feeders:</b> Armyworm	Cutworm Sod webworms
160 to 200 lbs. per acre (3.7 to 4.6 lbs. per 1000 sq. ft.)		
200 lbs. per acre (2.8 to 4.6 lbs. per 1000 sq ft) or for heavy infestations, a single annual application of 320 to 400 lbs. per acre (7.3 to 9.2 lbs. per 1000 sq. ft.) to non-residential turf		
120 to 200 lbs. per acre (2.8 to 4.6 lbs. per 1000 sq. ft.)		
80 to 200 lbs. per acre (1.8 to 4.6 lbs. per 1000 sq. ft.)		

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

**NOTE:** For optimum control, irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch. Do not apply more than 400 lb of product (0.5 lbs. of imidacloprid active ingredient, 0.4 lb bifenthrin) per acre per year. Do not apply more than 200 lbs. of product (0.25 lbs. imidacloprid, 0.2 lbs. bifenthrin) per acre per application to residential turf. Avoid mowing turf or lawn area until after irrigation or rainfall has occurred so that uniformity of application will not be affected.

In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

In New York State, do make a single repeat application of LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

<sup>1</sup>Imported Fire ants: LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer may be applied as a broadcast treatment in non-residential turf areas up to 9.2 lbs. per 1000 sq ft. For mound treatment, apply 3/4 cup LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer per mound and then drenching the mound with 1 to 2 gallons of water. The mounds should be treated with sufficient force to break their apex and allow the insecticide to flow into the ant tunnels.

<sup>2</sup>Mole crickets: For maximum effectiveness, apply LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer as a broadcast treatment at 4.6 lbs. per 1000 sq. ft. prior to or during the peak egg hatch period. For application when both adults and/or large nymphs are present and actively tunneling, irrigate prior to application if soil is dry and apply 4.6 lbs. per 1000 sq. ft. Rainfall or additional irrigation within 24 hours after application will improve effectiveness of LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer. For heavily infested mole cricket areas, use a single seasonal application rate of 320 to 400 lbs. per acre in non-residential turf.

<sup>3</sup>Pillbugs and sowbugs: For heavy infestation use 400 lbs per acre (9.2 lbs per 1000 sq ft) of LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer in non-residential turf.

### 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.

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 the Bayer Environmental Science Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Environmental Science Emergency Response Telephone No. is 800-334-7577 or contact Chemtrec at 800-424-9300.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at any 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.

### Spreader settings for LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer

The following chart can be used as a guide in establishing an accurate rate of LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer. Application rates will vary depending upon speed, equipment wear and condition of spreader. Carefully calibrate application equipment prior to commercial use of this product.

#### SUGGESTED SPREADER SETTINGS\*

(Recommended Rates in lb per 1,000 sq ft)

Spreader	80 lb/A	200 lb/A
LESCO Calibration Gauge	#12	#16
SCOTTS® R8-A	I	K
Cyclone® or Spyker®	3½	4½
Lely®	3½II	4½II
Vicon®	18	30

### RESTRICTIONS

Avoid runoff or puddling of irrigation water following application. Avoid application of LESCO ALLECTUS 0.225 Insecticide Plus Fertilizer to areas which are waterlogged or saturated, which will not allow penetration into the root zone of the plant. Do not apply more than 400 lb (0.5 lb of imidacloprid and 0.4 lb of bifenthrin) per acre per year.

Treated areas may be replanted with any crop specified on an imidacloprid and a bifenthrin label, or with any crop for which a tolerance exists for the two active ingredients.

For crops not listed on an imidacloprid and a bifenthrin label, or for crops for which no tolerances for the active ingredients have been established, a 12-month plant-back interval should be observed.

Do not apply by air.

**Not for use in nurseries or commercial greenhouses.**

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82757-MA-002 (H)

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Bayer Environmental Science

# #089903



### 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 must be followed carefully. However, because of manner of use and other factors beyond LESCO, Inc.'s control it is impossible for LESCO, 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.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LESCO, INC. 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 LESCO, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LESCO, INC. DISCLAIMS ANY liability whatsoever for special, incidental or consequential damages, resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT LESCO INC.'S ELECTION, THE REPLACEMENT OF PRODUCT.

LESCO ALLECTUS 0.225 G Plus Fertilizer is specially formulated and sold by LESCO, Inc. for the control of insects according to the directions on this label. Bayer CropScience LP has rights to U.S. Patent No. 5,783,203. The purchase price of LESCO ALLECTUS 0.225 G Plus Fertilizer includes a prepaid license under which purchaser agrees to employ the purchased quantity of LESCO ALLECTUS 0.225 G Plus Fertilizer only for the above-specified uses under Bayer's United States patent rights and to provide notice of the terms and conditions of this license to any subsequent purchaser. Uses of LESCO ALLECTUS 0.18 G Plus Fertilizer other than those specified on this label are not licensed through the purchase of this product.

Information concerning the raw materials composing this product can be obtained by writing to: LESCO, Inc., Attn: RA Dept, 1301 East 9<sup>th</sup> Street, Suite 1300, Cleveland, Ohio 44114-1849, referring to the item number found on this bag.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-a1.com>

Poly Plus is comprised of Polymer Coated Sulfur Coated Urea.

Allectus is a trademark of Bayer. LESCO and Poly Plus are registered trademarks and the sweeping design is a trademark of LESCO Technologies, LLC. Cyclone and Spyker are registered trademarks of Spyker Spreaders, LLC. Lely is a registered trademark of C Van Der Lely N.V. Vicon is a registered trademark of Ransomes-Cushman-Ryan. SCOTTS is a registered trademark of The SCOTT Company. G:\REGUL\WP\Regul Private\MstrLbL\_ERIEVIEW ADDRESS\New Sub-registered EPA Approved\ALLECTUS 0.225 G.doc Rev. 2/10/09 VT (041207)

**Net Weight: 50 lbs. (22.7 kg)**