



# 17-0-3

## 50% XCU® 3% Fe with Mallet-Lambda Insecticide

Professional turf fertilizer with Mallet-Lambda Insecticide  
Professional Turf Grade (SGN 200)

### Product Features

- This Nutrite professional grade fertilizer now combines the performance of Mallet with Lambda for insect control ABOVE and BELOW the ground in one application.
- You get the performance you've come to know from Mallet along with premium surface feeder insect control from Lambda Cyhalothrin, a broad spectrum and fast-acting synthetic pyrethroid insecticide that controls many surface feeding insects.
- Offers almost twice as much imidacloprid as competitive products for grub control.
- Contains 0.2% Imidacloprid and 0.04% Lambda-Cyhalothrin.
- 50% of the nitrogen is derived from XCU® polymer-coated, sulphur-coated urea. XCU® slow-release nitrogen provides extended feeding.

### Turf Benefits

- XCU® slow-release fertilizer uses breakthrough technology to provide a unique coating that allows gradual and consistent nutrient release delivering up to 8 weeks of continuous feeding.
- Iron provides deep green colour without excessive top growth.

### Product Characteristics

<b>Product Code:</b>	P000651
<b>Product Type:</b>	Professional Turf Fertilizer with Imidacloprid-Lambda Insecticide
<b>Particle Size:</b>	SGN 200
<b>Net Weight:</b>	50 lb
<b>Bulk Density:</b>	71 lb/ft <sup>3</sup>
<b>Coverage:</b>	14,670 ft <sup>2</sup> @ 3.4 lb/M 11,000 ft <sup>2</sup> @ 4.6 lb/M

### Guaranteed Analysis

		%
Total Nitrogen	(N)	17.0
17.0% Urea Nitrogen*		
Soluble Potash	(K <sub>2</sub> O)	3.0
Sulfur	(S)	1.15
0.36 % Combined Sulfur		
Iron	(Fe)	3.0
0.15% Water Soluble Iron		

Derived from: Polymer-coated, sulfur-coated urea, Urea, Muriate of potash, Ferrous sulfate, Iron oxide.

\* 7.9% Slowly available nitrogen from polymer-coated, sulfur-coated urea.

**Actives Ingredients:** 0.2% Imidacloprid  
0.04% Lambda-Cyhalothrin



**For more information, contact Nutrite at:**

**1-800-265-8865**

**www.nutrite.com**



## Nutrite Professional Turf Fertilizer with MALLET®- Lambda 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.

Restrictions: 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.

## 17-0-3 with XCU®

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	17.0%
17.0% Urea Nitrogen*	
Soluble Potash (K <sub>2</sub> O).....	3.0%
Sulfur (S).....	1.1%
Iron (Fe).....	3.0%
0.15% Water Soluble Iron	

Derived from: Polymer-coated, sulfur-coated urea, Urea, Muriate of potash, Ferrous sulfate, Ferrous oxide.  
\*7.9% Slowly available nitrogen from polymer-coated, sulfur-coated urea.

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

## KEEP OUT OF REACH OF CHILDREN CAUTION

EPA REG. NO. 228-610-87245  
EPA EST. NO. 87245-CAN-001 (C)  
EPA EST. NO. 089135-AZ-001 (A)  
EPA EST. NO. 90561-NC-001 (N)

\*Number in parentheses used is first letter of lot number  
\* If lot begins "C", Made In Canada  
\* If lot begins "A" or "N", Made In USA

Product Code: **P000651**  
Net Wt. 50 lb (22.68 kg)

MANUFACTURED, GUARANTEED AND DISTRIBUTED BY:  
Ferti Technologies  
560 Rhéaume P.O. Box 129  
Saint-Michel, QC  
Canada, J0L 2J0

READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300.

### PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

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

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</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>
HOT LINE NUMBER	
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.	

### 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 visiting 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 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

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.

### 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.  
**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:** 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.

### 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, marshes 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.

### 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
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 - 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 chaffer and Southern masked chaffer, ( <i>Cyclocephala borealis</i> , <i>C. immaculata</i> , and/or <i>C. lurida</i> ) Black turfgrass ateniinus, ( <i>Atenius spretulus</i> and <i>Aphodius</i> spp.) Oriental Beetle, ( <i>Anomala orientalis</i> ) Cutworms (suppression), European chaffer, ( <i>Rhizotrogus 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.  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.	3.4 - 4.6 lb per 1,000 sq ft  (150 - 200 lbs per acre)
Chinchbug (suppression) Mole Crickets, ( <i>Scapteriscus</i> spp.)		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.

### 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
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.

**P000651**  
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