

228-587

8/20/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

**AUG 20 2010**

Mr. Nathan P. Ehresman  
Nufarm USA, Inc.  
150 Harvester Drive, Suite 200  
Burr Ridge, IL 60527

Subject: Amended Master Label Addition of Lawn Use to the Residential Label  
Mallet 0.2G  
EPA Reg. No. 228-587  
Your Submission date, June 7, 2010

Dear Mr. Ehresman:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable. A stamped copy is enclosed for your records. Submit two (2) copies of your final printed labeling before you release the product for shipment. If there are questions call Dani Daniel at 703 305-5409 or electronically at [daniel.dani@epa.gov](mailto:daniel.dani@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Venus Eagle".

Venus Eagle  
Product Manager (01)  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

20116

[MASTER LABEL/COVER PAGE]

# MALLET<sup>®</sup> 0.2% G

## READY-TO-SPREAD GRANULES

**SUB-LABEL A: INTENDED FOR COMMERCIAL / OCCUPATIONAL APPLICATOR TURF & ORNAMENTAL USES**

**SUB-LABEL B: RESIDENTIAL LAWN, LANDSCAPE, & ORNAMENTAL USES**

**ACTIVE INGREDIENT:**

Imidacloprid, 1 -[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine.....	0.2%
<b>OTHER INGREDIENTS:</b> .....	<u>99.8%</u>
<b>TOTAL</b> .....	<b>100.0%</b>

EPA REG. NO. 228-587  
EPA EST. NO. \_\_\_\_\_

MANUFACTURED FOR  
NUFARM AMERICAS INC.  
150 HARVESTER DRIVE  
BURR RIDGE, IL 60527  
800-455-2000



ACCEPTED  
With COMMENTS  
In EPA Letter Dated:  
**AUG 20 2010**  
Under the Federal Insecticide, Fungicide  
and Rodenticide Act, As amended, for the  
pesticide Registered under EPA Reg. No:  
228-587

30916

[SUB-LABEL A: INTENDED FOR COMMERCIAL / OCCUPATIONAL APPLICATOR TURF & ORNAMENTAL USES]

# MALLET® 0.2% G

## READY-TO-SPREAD GRANULES

For [fertilization] [fertilizer] [and] control of listed insect pests in [turfgrass] [and] [sod farms] [and] [landscape ornamentals].

**Restriction:** Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens Counties in the state of New York.

**ACTIVE INGREDIENT:**

Imidacloprid, 1 -[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine..... 0.2%

**OTHER INGREDIENTS:**..... 99.8%

**TOTAL**..... 100.0%

**REFER TO FERTILIZER TAG FOR ANALYSIS**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION / PRECAUCIÓN**

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

**SEE SIDE PANELS FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS**

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

EPA REG. NO. 228-587  
EPA EST. NO. \_\_\_\_\_

MANUFACTURED FOR  
NUFARM AMERICAS INC.  
150 HARVESTER DRIVE  
BURR RIDGE, IL 60527  
800-455-2000



NET CONTENTS \_\_\_\_\_ LBS. ( \_\_\_\_\_ KG)

40916

**[SUB-LABEL A: INTENDED FOR COMMERCIAL / OCCUPATIONAL APPLICATOR TURF & ORNAMENTAL USES]**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION / PRECAUCIÓN**

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.

**THE FOLLOWING PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIREMENTS APPLY TO SOD FARM USE ONLY: Applicators and other handlers must wear:**

- Long-sleeved shirt, long pants
- Chemical-resistant gloves (such as natural rubber selection category A)
- Shoes and socks.

Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**For Non-WPS Uses:** Applicators and other handlers who handle this product for any use not covered by WPS (40 CFR Part 170) - in general only agricultural plant uses are covered by WPS - must wear:

- Shirt and pants
- Chemical-resistant gloves (such as natural rubber selection category A)
- Shoes plus socks.

**USER SAFETY RECOMMENDATIONS**

**Users Should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing 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.

**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 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>

**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 1-877-325-1840 for emergency medical treatment information.

**NOTE TO PHYSICIAN**

No specific antidote is available. Treat the patient symptomatically.

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to 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.

This chemical demonstrates the 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.

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**[SUB-LABEL A: INTENDED FOR COMMERCIAL / OCCUPATIONAL APPLICATOR TURF & ORNAMENTAL USES]**

To prevent contamination of the environment, **DO NOT** apply near water, storm drains, gutters or ditches. **DO NOT** apply when heavy rain or downpour is predicted for that day. Apply this product only to your lawn or garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto the treated area of your lawn or garden.

**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 requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT** enter or allow worker entry into treated areas during the **restricted-entry interval (REI) of 12 hours**. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are **NOT** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, and greenhouses.

If watering-in of the product is necessary, **DO NOT** allow people or pets on treated areas until grass or soil is dry.

**APPLICATION TO TURFGRASS**

Use this product for the control of listed soil inhabiting pests of turfgrass, such as Northern & Southern masked chafers, *Cyclocephala borealis*, *immaculata*, and/or *C. lurida*; Asiatic garden beetle, *Maladera castanea*; European chafer, *Rhizotroqus majalis*; May or June beetles, *Phyllophaga* spp.; Japanese beetle, *Popillia japonica*; Oriental beetle, *Anomala orientalis*; Billbugs, *Sphenophorus* spp.; Annual bluegrass weevil, *Hyperodes* spp.; Black turfgrass atenius, *Ataenius spretulus*; *Aphodius* spp.; and mole crickets, *Scapteriscus* spp. Use this product as directed on turfgrass in residential lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, athletic fields and sod farms.

The active ingredient in this product has sufficient residual activity so that applications can be made preceding the egg laying activity of the target pests. High levels of control can be achieved when applications are made preceding or during the egg laying period. Base the need for an application on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Control 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.

**DO NOT** apply to turfgrass that is water saturated. Application to water saturated turf will result in reduced performance. The treated area must be in such a condition that the rainfall or irrigation will penetrate vertically into the soil profile. Applications cannot exceed a total of 200 pounds (0.4 pound of active ingredient) per acre per year.

**[SUB-LABEL A: INTENDED FOR COMMERCIAL / OCCUPATIONAL APPLICATOR TURF & ORNAMENTAL USES]**

**APPLICATION TO ORNAMENTALS**

This product can be used as a broadcast application on ornamentals in commercial and residential landscapes, as well as on landscaped areas of golf courses and other recreational areas. Make application prior to anticipated pest infestation to achieve control. Rainfall, irrigation or mechanical incorporation after application will aid in maximizing control.

**DO NOT** apply more than 200 pounds of this product (0.4 pound of active ingredient) per acre per year.

**APPLICATION EQUIPMENT**

Apply this product uniformly over the area being treated with typical granular application equipment. Both drop-type and rotary-type spreaders may be used to apply this product. **DO NOT** use spreaders that apply the material in concentrated bands. Calibrate all spreader equipment at the time of application to achieve the desired application rate.

<b>APPLICATION RATES FOR USE ON TURFGRASSES</b>		
<b>CROP</b>	<b>PEST</b>	<b>DOSAGE</b>
Turfgrasses	<u>Larvae of:</u> Annual bluegrass weevil    European Crane Fly Asiatic garden beetle    Northern masked chafer Billbugs    Oriental beetle Black turfgrass ataenius <i>Phyllophaga</i> spp. European chafer    Southern masked chafer	125 to 200 pounds per acre or 3.0 to 4.5 pounds per 1,000 square feet
	<u>Larvae of:</u> Asiatic garden beetle    Northern masked chafer Black turfgrass ataenius    Oriental beetle European chafer <i>Phyllophaga</i> spp. Japanese beetle    Southern masked chafer	150 pounds per acre or 3.5 pounds per 1,000 square feet
	<u>Larvae of:</u> Annual bluegrass weevil Billbugs	150 to 200 pounds per acre or 3.5 to 4.5 pounds per 1,000 square feet
	For optimum control, make application prior to egg hatch of the target pest. <b>READ "APPLICATION EQUIPMENT" section of this label.</b>	
	Mole crickets	200 pounds per acre or 4.5 pounds per 1,000 square feet
	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, accompany application by a remedial insecticide. Consult your local State Agricultural Experiment Station or State Extension Turf Specialists for more specific information regarding timing of application. <b>RESTRICTIONS:</b> Irrigation or rainfall is necessary within 24 hours after application to move the active ingredient through the thatch. On golf courses, irrigate treated areas following application. <b>DO NOT</b> apply more than 200 pounds (0.4 pound of active ingredient) per acre per year. <b>DO NOT</b> mow turf or lawn area until after irrigation or rainfall has occurred so that uniformity of application is not affected.	

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**[SUB-LABEL A: INTENDED FOR COMMERCIAL / OCCUPATIONAL APPLICATOR TURF & ORNAMENTAL USES]**

**SPREADER SETTINGS FOR THIS PRODUCT**

Use the following chart as a guide to establish an accurate rate of this product. Use a spreader setting that provides an application rate of 3.5 pounds per 1,000 square feet or 150 pounds per acre. Application rates will vary dependent upon speed, equipment wear and condition of spreader. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

APPLICATION RATES FOR USE ON ORNAMENTALS		
CROP	PEST	DOSAGE
Landscape Plantings  Including: Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Ground Covers	White grub larvae  Such as: Japanese beetle larvae, Chafers, <i>Phyllophaga</i> spp. Asiatic garden beetle, Oriental beetle	3.5 to 4.5 pounds per 1,000 square feet
<p>Apply as a broadcast treatment. Prior to application, remove black plastic or other weed barrier material that will not permit water permeability. Mechanical incorporation, irrigation or rainfall is necessary within 24 hours after application to move the active ingredient into soil.</p> <p><b>Refer to label sections on "APPLICATION EQUIPMENT" and "SPREADER SETTINGS".</b></p> <p><b>DO NOT</b> apply more than 200 pounds of this product (0.4 pound of active ingredient) per acre per year.</p>		

APPLICATION RATES		
CROP	PEST	DOSAGE
Flower Beds	Adelgids Aphids Armored scales (suppression) Japanese beetle (adults) Lacebugs	4 ounces per 12 square feet (3 ft. x 4 ft. bed area) 4 ounces = __ tsp or __ tbsp or __ capfuls or __ cups
Roses	Leaf beetles (including Elm, Viburnum, and Lily) Leafhoppers (including Glassy-winged sharpshooter) Leafminers (including Birch and Boxwood) Mealybugs Pine tip moth (larvae) Psyllids	2 ounces per plant 2 ounces = __ tsp or __ tbsp or __ capfuls or __ cups
Shrubs	Root weevil larvae (including Black vine) Sawflies (larvae) Soft Scales (including Lobate lac) Thrips Whiteflies	4 ounces per foot of plant height 4 ounces = __ tsp or __ tbsp or __ capfuls or __ cups
<p>For new plants, apply when planting. For established plants, use before pest damage occurs or immediately seen. Repeat applications every 8 weeks during the growing season. Apply the required amount of granules evenly on top of soil, mix thoroughly in to the top soil layer, being careful not to damage the upper roots, then water in thoroughly. For flower beds, sprinkle granules evenly over bed.</p>		

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**[SUB-LABEL A: INTENDED FOR COMMERCIAL / OCCUPATIONAL APPLICATOR TURF & ORNAMENTAL USES]**

**RESTRICTIONS**

- **DO NOT** allow runoff or puddling of irrigation water following application.
- **DO NOT** apply this product to areas which are water-logged or saturated as this will not allow penetration into the root zone of the plant.
- **DO NOT** apply more than 200 pounds (0.4 pound of active ingredient) / acre or 4.6 pounds / 1000 square feet / year.
- **DO NOT** apply to vegetable gardens.
- **DO NOT** apply near fish pools, ponds, lakes or streams.
- **DO NOT** use food utensils such as teaspoons or measuring cups for food purposes after use with this product.
- Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens Counties in the state of New York.

**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, or feed. Store in original containers and out of the reach of children, preferably in a locked storage area.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide is a violation of Federal law.

**SPILLS:** If the container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material.

**DO NOT** walk through spilled material. Dispose of as directed for pesticides above, or apply uncontaminated product according to Directions For Use. Keep unauthorized people away. For chemical spill, leak, fire, or exposure, you may contact CHEMTREC at 800-424-9300.

**CONTAINER DISPOSAL:** Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling if available or place empty container in the trash.



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**[SUB-LABEL A: INTENDED FOR COMMERCIAL / OCCUPATIONAL APPLICATOR TURF & ORNAMENTAL USES]**

**WARRANTY DISCLAIMER**

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS 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. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

**LIMITATION OF LIABILITY**

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BYWAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

**If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.**

(RV081010)

Mallet is a registered trademark of Nufarm Americas Inc.

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[SUB-LABEL B: INTENDED FOR RESIDENTIAL LAWN, LANDSCAPE, & ORNAMENTAL USES]

# MALLET® 0.2% G

## READY-TO-SPREAD GRANULES

For [fertilization] [and] control of listed pests on Lawns, Landscape Areas,  
Roses, Flowers, and Shrubs.

**Restriction:** Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens Counties in the state of New York.

**ACTIVE INGREDIENT:**

Imidacloprid, 1 -[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine..... 0.2%

**OTHER INGREDIENTS:**..... 99.8%

**TOTAL**..... 100.0%

**REFER TO FERTILIZER TAG FOR ANALYSIS**

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

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

EPA REG. NO. 228-587

EPA EST. NO. \_\_\_\_\_

MANUFACTURED FOR  
NUFARM AMERICAS INC.  
150 HARVESTER DRIVE  
BURR RIDGE, IL 60527  
800-455-2000



NET CONTENTS \_\_\_\_\_ LBS. ( \_\_\_\_\_ KG)

11/09/16

**[SUB-LABEL B: INTENDED FOR RESIDENTIAL LAWN, LANDSCAPE, & ORNAMENTAL USES]**

**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.

<b>FIRST AID</b>	
<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 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>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.</p>	
<b>NOTE TO PHYSICIAN</b>	
<p>No specific antidote is available. Treat the patient symptomatically.</p>	

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to aquatic invertebrates. To protect the environment, **DO NOT** allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For best results, read and follow all label directions.

For Outdoor Residential Use Only on Lawns, Landscape Areas, Roses, Flowers, and Shrubs.

**PRODUCT INFORMATION**

This product feeds the plant to promote strong roots and beautiful blooms, while protecting the plant against insect damage for up to eight (8) weeks. This product is taken up by the roots and travels throughout the entire plant. New growth is protected against insects for up to 8 weeks. This product works inside the plant so rain and water will not wash off the insect protection. This product kills Adelgids, Aphids, Fungus gnats, Leafminers, Lace bugs, Leafhoppers, Mealybugs, Plant bugs, Psyllids, Soft Scales, Thrips (suppression), Whiteflies, and other listed pests. Apply every 8 weeks during the growing season to roses, flowers and shrubs. 2 lbs. treats up to 16 medium-size roses or shrubs.

**APPLICATION INFORMATION: ROSES, SHRUBS, FLOWERS**

Use this product on Roses, Shrubs, and plantings around homes and residential areas to control listed pests. For new plants, apply when planting. For established plants, use before pest damage occurs or immediately when seen. Repeat applications every 8 weeks during the growing season.

**HOW TO APPLY**

Apply the required amount of granules evenly on top of soil, being careful not to damage the upper roots, incorporate thoroughly into the top soil layer (Wear glove if done by hand), then water in thoroughly after incorporating into soil. For flower beds, sprinkle granules evenly over bed. For container plants, spread required amount of product evenly over the potting soil around the base of plant foliage and water thoroughly. For the first 10 days **DO NOT** water the container to the point that water overflows or leaks out the bottom of container.

**KILLS**

Adelgids, Aphids, Armored scales (suppression), Bark beetles (suppression), Borers (Round-headed including Eucalyptus longhorned), (Flat-headed including Alder, and Bronze Birch), Caterpillars, Fungus gnats, Japanese beetle adults, Lacebugs, Leaf beetles (including Elm, Viburnum, and Lily), Leafhoppers (including Glassy-winged

**[SUB-LABEL B: INTENDED FOR RESIDENTIAL LAWN, LANDSCAPE, & ORNAMENTAL USES]**

sharpshooter), Leafminers (including Birch, Boxwood, and Holly), Mealybugs, Mimosa webworms, Pine tip moth larvae, Psyllids, Root weevil larvae (including Black vine weevils), Royal palm bugs, Sawflies (larvae), Soft scales (including Lobate lac scales), Thrips, White grub larvae (such as Japanese beetles, Chafers (Northern masked and European), Oriental beetles, and Asiatic garden beetles), and Whiteflies.

**HOW MUCH TO USE**

*(for product packaged in containers that include a measuring cap or measuring device)*

For Roses: Apply 2 oz. XX [capfuls] [cups] [tsp][tbsp] per plant

For Shrubs: Apply 4 oz XX [capfuls] [cups] [tsp][tbsp] per foot of plant height

For Flower Beds: Apply 4 oz XX [capfuls] [cups] [tsp][tbsp] per 12 sq ft (3' x 4' bed area)

[tsp= teaspoon] [tbsp= tablespoon]

*(for product packaged in containers with a shaker spout)*

Roses: Apply 2 oz. per plant

Shrubs: Apply 4 oz. per foot of plant height

Flower Beds: See illustration below. Apply 4 oz. per 12 square feet (3' x 4' bed area).

**APPLICATION RATES FOR CONTAINER PLANTS**

CONTAINER SIZE	AMOUNT OF PRODUCT NEEDED
1 Gallon	2.5 Tablespoons [tbsp]
2 Gallon	1/3 cup
3 Gallon	1/2 cup
PLANT SIZE	
4 inch	2.5 teaspoons [tsp]
5 inch	1.5 Tablespoons [tbsp]
6 inch	2.5 Tablespoons [tbsp]

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[SUB-LABEL B: INTENDED FOR RESIDENTIAL LAWN, LANDSCAPE, & ORNAMENTAL USES]

APPLICATION INFORMATION: LAWNS

Use this product on lawns around homes and residences for the control of listed soil inhabiting pests. DO NOT apply to lawns that are water saturated. Application to water saturated lawns will result in reduced performance.

APPLICATION EQUIPMENT

Apply this product uniformly over the treatment area. Both drop-type and rotary-type spreaders may be used to apply this product. DO NOT use spreaders that apply the material in concentrated bands.

APPLICATION RATES FOR LAWNS

PEST	DOSAGE
<b>Larvae of:</b> Annual bluegrass weevil      European Crane Fly Asiatic garden beetle      Northern masked chafer Billbugs      Oriental beetle Black turfgrass ataenius <i>Phyllophaga</i> spp. European chafer      Southern masked chafer	3.0 to 4.5 pounds per 1,000 square feet
<b>Larvae of:</b> Asiatic garden beetle      Northern masked chafer Black turfgrass ataenius      Oriental beetle European chafer <i>Phyllophaga</i> spp. Japanese beetle      Southern masked chafer	3.5 pounds per 1,000 square feet
<b>Larvae of:</b> Annual bluegrass weevil Billbugs	3.5 to 4.5 pounds per 1,000 square feet
Mole crickets	4.5 pounds per 1,000 square feet

For optimum control, make application prior to egg hatch of the target pest. Irrigation or rainfall is necessary within 24 hours after application to move the active ingredient through the thatch and into the soil.

RESTRICTIONS:

1. DO NOT mow lawn area until after irrigation or rainfall has occurred so that uniformity of application is not affected.
2. DO NOT apply more than 200 lbs. (0.4 lbs AI) per acre per year or 4.6 lbs/1000 ft<sup>2</sup> per year.

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[SUB-LABEL B: INTENDED FOR RESIDENTIAL LAWN, LANDSCAPE, & ORNAMENTAL USES]

**APPLICATION INFORMATION: LANDSCAPE AREAS**

Apply this product as a broadcast application to landscape areas containing, trees, shrubs, evergreens, flowers, foliage plants, and ground covers to control listed soil and foliage pests. Make application prior to anticipated pest infestation to achieve control. Rainfall, or irrigation after application will aid in maximizing control.

**APPLICATION RATES FOR LANDSCAPE AREAS**

LANDSCAPE PLANTINGS	PEST	DOSAGE
Including: Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Ground Covers	White grub larvae  Such as: Japanese beetle larvae, Chafers, <i>Phyllophaga</i> spp. Asiatic garden beetle, Oriental beetle	3.5 to 4.5 pounds per 1,000 square feet
Apply as a broadcast treatment. Irrigation or rainfall is necessary within 24 hours after application to move the active ingredient into soil.		
Flower Beds	Adelgids Aphids Armored scales (suppression) Japanese beetle (adults) Lacebugs	4 ounces per 12 square feet (3 ft. x 4 ft. bed area) 4 ounces = __ tsp or __ tbsp or __ capfuls or __ cups
Roses	Leaf beetles (including Elm, Virburnum, and Lily) Leafhoppers (including Glassy-winged sharpshooter) Leafminers (including Birch and Boxwood) Mealybugs Pine tip moth (larvae)	2 ounces per plant 2 ounces = __ tsp or __ tbsp or __ capfuls or __ cups
Shrubs	Psyllids Root weevil larvae (including Black vine) Sawflies (larvae) Soft Scales (including Lobate lac) Thrips Whiteflies	4 ounces per foot of plant height 4 ounces = __ tsp or __ tbsp or __ capfuls or __ cups
<p>For new plants, apply when planting.            For established plants, use before pest damage occurs or immediately seen.            Repeat applications every 8 weeks during the growing season.            Apply the required amount of granules evenly on top of soil; mix thoroughly into the top soil layer, being careful not to damage the upper roots, then water in thoroughly. For flower beds, sprinkle granules evenly over bed.</p>		

**RESTRICTIONS**

- **DO NOT** apply near fish pools, ponds, lakes or streams.
- **DO NOT** apply to vegetable gardens.
- **DO NOT** use utensils such as teaspoons or measuring cups for food handling after they have been used to measure this product.
- Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties in the state of New York.
- **DO NOT** apply more than 200 pounds (0.4 pound of active ingredient) per acre per year or 4.6 pounds / 1000 ft<sup>2</sup>.

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**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Store in a cool, dry place, away from heat or open flame.

**PESTICIDE DISPOSAL:** **If empty** – Non-refillable container. **DO NOT** refill or reuse this container. Place empty container in trash or offer for recycling if available. **If partly filled** - Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**WARRANTY DISCLAIMER**

The directions for use of this product must be followed carefully. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS 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.** UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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**If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.**

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**[SUB-LABEL B: INTENDED FOR RESIDENTIAL LAWN, LANDSCAPE, & ORNAMENTAL USES]**

1. [Protects/Defends/Guards] plants from listed insects and feeds for up to 8 weeks
2. Up to 8 week insect [Protection/Defense/Control/Prevention] & [Exceptional] feeding
3. Up to 8 weeks of [insect] [Protection/Defense/Control/Prevention] [against insects] plus 8 weeks of [Exceptional] [Miracle-Gro/Osmocote] feeding [with [Miracle-Gro/Osmocote] plant food].
4. Up to 8 week insect [Protection/Defense/Control/Prevention] plus [Exceptional] [Miracle-Gro/Osmocote] plant food
5. Up to 8 weeks of insect [Protection/Defense/Control/Prevention] and [Exceptional] feeding [with Miracle-Gro/Osmocote plant food.]
6. [Dual Action:] Insect [Protection/Defense/Control/Prevention] & [Exceptional] feeding for up to 8 weeks
7. [Protects/Defends/Guards] and Feeds for up to 8 weeks [now] [with Exceptional] Miracle-Gro/Osmocote plant food]
8. Provides up to [1,2...8] weeks continuous release Protection/Defense/Control/Prevention] /feeding/care [for roses] [&] [flowers] [guaranteed!- or your money back]
9. Contains [Exceptional] Miracle-Gro [Rose] Plant Food [to Grow Bigger, More Beautiful Roses & Flowers] [to Feed for up to 8 weeks]
10. Contains [Miracle-Gro [Rose] plant food] [Osmocote Plant Food].
11. Provides [Exceptional] [Miracle-Gro/Osmocote] feeding for up to 8 weeks.
12. Grows plants twice as big [!] [&] [with fewer pests/insects/bugs!] [with fewer bugs!]
13. Feeds for up to 8 Weeks [with [Exceptional] Miracle-Gro [Rose] / Osmocote] Plant Food
14. Feeds and [Protects/Defends/Guards] plants against insects for up to 8 weeks
15. [Protects/Defends/Guards] against insects for 8 weeks
16. Long-lasting [Protection/Defense/Control/Prevention]
17. Effective [Protection/Defense/Control/Prevention]
18. systemic insect [Protection/Defense/Control/Prevention] for your plants
19. [Protects/Defends/Guards] plants from damage by: Aphids, Whiteflies, Mealybugs, Scale & other listed insects
20. promotes strong roots and beautiful blooms
21. rainproof [Protection/Defense/Control/Prevention]
22. no spraying, no mess
23. [Protects/Defends/Guards] against heavy infestations
24. highly effective, lasting [Protection/Defense/Control/Prevention]
25. feeds the plant to promote strong roots and beautiful blooms, while protecting/defending the plants against insect damage for up to 8 weeks
26. new growth is protected against insects for up to 8 weeks
27. Apply every 8 weeks during the growing season to roses, flowers and shrubs
28. 2-in-1 systemic\*
29. rainproof [Protection/Defense/Control/Prevention] – won't wash off
30. feeds and [Protects/Defends/Guards] [against insects] in one [easy] step
31. one application [Protects/Defends/Guards] for 8 weeks
32. 100% satisfaction guaranteed or your money back
33. [Product Name] exceptional formula [Protects/Defends/Guards] your plants against insects for up to eight weeks and feeds them. Now you can grow beautiful flowers and shrub in one easy step.
34. Treats up to [X Rose Bushes] [X sq ft] > (4 lb size treats 32 rose bushes or 200 sq ft
35. 2-in-1 systemic [Protection/Defense/Control/Prevention] + [Exceptional] [Miracle-Gro/Osmocote] feeding
36. Easy to use/apply [granules]
37. Easy [to use] Measuring [cap]
38. Quick & Easy Measuring [cap]
39. AccuDose Measuring [cap]
40. Systemic [Protection / Defense / Control / Prevention] [from / against / for / of] [any combination of listed insect].
41. Easy to use/apply [granules] [Just sprinkle at plant base][for up to 8 weeks of worry free care]
42. [Now] with MicroMax® Nutrients [for hearty, vigorous plants!]

\*Insecticide & Fertilizer in 1 product