

228-587

11/18/2009

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

**NOTIFICATION**

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

**NOV 18 2009**

Matthew Granahan  
Nufarm Americas Inc.  
150 Harvester Drive, Suite 200  
Burr Ridge, IL 60527

Subject: **Notification:** Adding the optional language: Fertilizer plus insect control in  
landscape ornamentals  
Mallet .2% G  
EPA Reg. No. 228-587  
Your submission dated 11-4-09

Dear Mr. Granahan:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 11-4-09 for the product EPA Reg No 228-587. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me @ 703-305-5314 or Metzger.autumn@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Autumn Metzger".

Autumn Metzger  
Biologist  
Insecticide-Rodenticide Branch  
Office of Pesticide Programs



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

<b>1. Company/Product Number</b> 228-587	<b>2. EPA Product Manager</b> Venus Eagle	<b>3. Proposed Classification</b> <input type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> Mallet 0.2% G	<b>PM#</b> 1	
<b>5. Name and Address of Applicant (Include ZIP Code)</b> Nufarm Americas, Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527  <input type="checkbox"/> Check if this is a new address		<b>6. Expedited Review.</b> In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ <div style="text-align: right; font-size: 1.2em;"><b>NOTIFICATION</b></div> Product Name _____ <span style="float: right; font-size: 1.2em;"><b>NOV 18 2009</b></span>

**Section - II**

<input type="checkbox"/> Amendment - Explain below.  <input type="checkbox"/> Resubmission in response to Agency letter dated _____  <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application.  <input type="checkbox"/> Other - Explain below.
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**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Label notification consistent and 98-10, see cover letter for detailed explanation. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

<b>1. Material This Product Will Be Packaged In:</b>			
<b>Child-Resistant Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Type of Container</b> <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
<i>* Certification must be submitted</i> If "Yes" Unit Packaging wgt.    No. per container		If "Yes" Package wgt.    No. per container	
<b>3. Location of Net Contents Information</b> <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		<b>4. Size(s) Retail Container</b> Between 1 and 50 Pound Containers	
<b>6. Manner in Which Label is Affixed to Product</b> <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<b>5. Location of Label Directions</b> <input type="checkbox"/> _____	

**Section - IV**

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>		
<b>Name</b> Matthew Granahan matthew.granahan@us.nufarm.com	<b>Title</b> Registrations Manager	<b>Telephone No. (Include Area Code)</b> 630.455.2048
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		<b>6. Date Application Received (Stamped)</b>  <div style="text-align: center;"> </div>
<b>2. Signature</b> 	<b>3. Title</b> Registrations Manager	
<b>Typed Name</b> Matthew Granahan	<b>5. Date</b> 11/04/09	



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**Nufarm Americas Inc.**  
150 Harvester Drive, Suite 200  
Burr Ridge, IL 60527  
Telephone: (630) 455.2000 Facsimile: (630) 455.2001  
www.us.nufarm.com

November 4, 2009

Via Overnight Courier

U. S. Environmental Protection Agency (7504P)  
Document Processing Desk (NOTIF)  
Room S4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202

**Subject: Mallet 0.2% G  
EPA Reg. No. 228-587  
Label Notification per PR Notice 98-10**

Dear Ms. Hobgood:

Nufarm Americas Inc. would like to add language to subject product's label. The proposed language is consistent with PR Notice 98-10. We have added an the following optional language: Fertilizer plus insect control in landscape ornamentals.

To process this request please find enclosed the following:

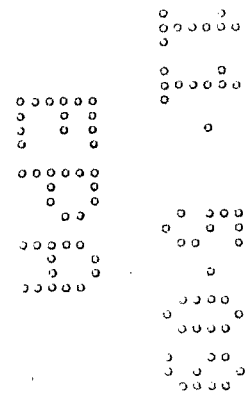
- Application for Pesticide Registration EPA form 8570-1
- Revised labeling with areas of change clearly identified (1 copy)
- Revised labeling – clean (1 copy)

If you should have any questions regarding this matter, please feel free to contact at [matthew.granahan@us.nufarm.com](mailto:matthew.granahan@us.nufarm.com) or at (630) 455-2048.

Sincerely,



Matthew Granahan  
Registrations Manager  
Nufarm Americas, Inc.



4012

NOTIFICATION

NOV 18 2009

# MALLET® 0.2% G

## Ready-to-Spread Granules

NOTIFICATION

NOV 18 2009

For fertilization and insect control in turfgrass and landscape ornamentals.

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

**ACTIVE INGREDIENT:**

Imidacloprid ..... 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**

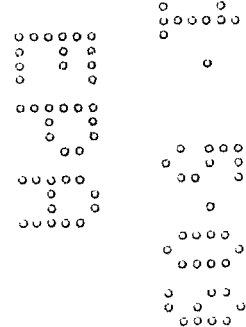
For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

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

Manufactured for  
NUFARM AMERICAS INC.  
150 Harvester Drive  
Burr Ridge, IL 60527



NET WEIGHT: Lbs. ( Kg)





**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 Standards 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**

This product can be used 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 ataenius, *Ataenius spretulus*; *Aphodius* spp.; and mole crickets, *Scapteriscus* spp. This product can be used as directed on turfgrass in home 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. The need for an application can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Optimum 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. The potential of less than satisfactory distribution of this product could occur which could cause less than expected 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.

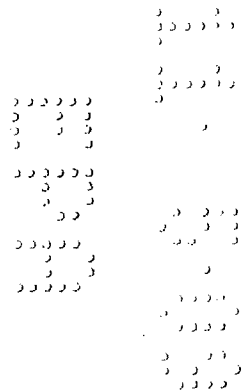
**APPLICATION TO ORNAMENTALS**

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. Application should be made prior to anticipated pest infestation to achieve optimum levels of control. Rainfall, irrigation or mechanical incorporation after application will aid in maximizing control.

Applications of this product cannot exceed a total of 200 pounds (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. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. Calibrate all spreader equipment at the time of application to achieve the desired application rate.



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APPLICATION RATES FOR USE ON TURFGRASSES			
CROP	PEST	DOSAGE	
Turfgrasses	Larvae of: Annual bluegrass weevil Asiatic garden beetle Billbugs Black turfgrass ataeenius European chafer	European Crane Fly Northern masked chafer Oriental beetle <i>Phyllophaga</i> spp. Southern masked chafer	125 to 200 pounds per acre or 3.0 to 4.5 pounds per 1,000 square feet
	Larvae of: Asiatic garden beetle Black turfgrass ataeenius European chafer Japanese beetle	Northern masked chafer Oriental beetle <i>Phyllophaga</i> spp. Southern masked chafer	150 pounds per acre or 3.5 pounds per 1,000 square feet
	Larvae of: 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. Be sure to read "APPLICATION EQUIPMENT" section of this label.		
	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, application should be accompanied by a curative insecticide. Consult your local State Agricultural Experiment Station or State Extension Turf Specialists for more specific information regarding timing of application.  NOTE: Irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch. On golf courses, irrigate treated areas following application. Do not apply more than 200 pounds (0.4 pound of active ingredient) per acre per year. Avoid mowing turf or lawn area until after irrigation or rainfall has occurred so that uniformity of application will not be affected.		

**SPREADER SETTINGS FOR THIS PRODUCT**

The following chart can be used as a guide in establishing an accurate rate of this product. The suggested settings should provide 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.

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, Chafer, <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. Prior to application, remove black plastic or other weed barrier material that will not permit water permeability.		
NOTE: Mechanical incorporation, irrigation or rainfall should occur within 24 hours after application to move the active ingredient into soil.		
Refer to label sections on "APPLICATION EQUIPMENT" and "SPREADER SETTINGS".		

APPLICATION RATES		
CROP	PEST	DOSAGE
Flower Beds	Adelgids Aphids Armored Scales (suppression) Japanese Beetle Adults Lacebugs Leaf Beetles (including Elm Leaf, Virburnum Leaf, and Lili Leaf Beetles)	2 ounces per 50 square feet (5 ft. x 10 ft. bed area)  2 ounces = XXX tsp or XXX tbsp or XXX capfuls (explanation to EPA reviewer - variable depending on bulk density of carrier)
Roses	Leafhoppers (including Glassy-winged Sharpshooter) Leafminers (including Birch and Boxwood Leafminers) Mealybugs Pine Tip Moth Larvae Psyllids	2 ounces per plant  2 ounces = XXX tsp or XXX tbsp or XXX capfuls (explanation to EPA reviewer - variable depending on bulk density of carrier)
Shrubs	Root Weevil Larvae (including black vine weevils) Sawfly Larvae Soft Scales (including lobate lac scales) Thrips Whiteflies	2 capfuls (4 ounces) per foot of plant height  4 ounces = XXX tsp or XXX tbsp or XXX capfuls (explanation to EPA reviewer - variable depending on bulk density of carrier)
<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>		

**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) per acre per year.
- Do not apply to vegetable gardens.
- Do not apply near fish pools, ponds, lakes or streams.
- Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with insecticides.

**STORAGE AND DISPOSAL**

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

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. 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.

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 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.



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**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 BY WAY 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. 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.**

(RV110409N)

Mallet is a registered trademark of Nufarm Americas Inc.

**OPTIONAL MARKETING STATEMENTS:**

- Rose, Flower & Shrub Insecticide
- Feeds and Protects Plants Against Insects for up to 8 Weeks
- Protects against insects for 8 Weeks
- Long lasting, effective protection
- Systemic insect protection for your plants
- Protects plants from damage by: Aphids, Whiteflies, Mealybugs, Scale, and other listed insects
- Absorbed by the roots and moves through the entire plant, providing complete protection
- Promotes strong roots and beautiful blooms
- Rainproof Protection
- Ready-To-Use Granules
- No spraying ... No mess
- Protects against insect infestations
- Highly effective, lasting protection
- Feeds the plant to promote strong roots and beautiful blooms, while protecting the plants against insect damage for up to 8 weeks
- Taken up by the roots and travels through the entire plant
- New growth is protected against insects for up to 8 weeks
- Insecticide works inside the plant, so rain and water will not wash off the insect protection
- 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
- Also great for Camellia's and Rhododendron's.
- Also great for Palm trees.
- 2 lbs. treats up to 16 medium-size roses and shrubs
- For Outdoor Residential Use Only
- XXX [ounces] [pounds] treats up to XXX square feet
- XXX [ounces] [pounds] treats up to XXX square feet for Mole Crickets
- 2-in-1 Systemic
- Kills: Adelgids, Aphids, Armored Scales (suppression), Japanese Beetle Adults, Lacebugs, Leaf Beetles (including Elm Leaf, Viburnum Leaf, and Lily Leaf Beetles), Leafhoppers (including Glassy-winged Sharpshooter), Leafminers (including Birch and Boxwood Leafminers), Mealybugs, Pine Tip Moth Larvae, Psyllids, Root Weevil Larvae (including black vine weevils), Sawfly Larvae, Soft Scales (including lobate lac scales), Thrips, Whiteflies.
- Fertilizer plus insect control in landscape ornamentals.

**Indication[s] of Damage**

- [Grubs] - White grubs cause widespread damage to lawns by feeding on grass roots, causing it to turn yellow, then brown and die.
- [European Crane Fly Larvae] - European crane fly larvae cause damage by feeding on grass roots and disturbing the soil surface.
- [Mole Crickets] - Mole crickets cause widespread damage by tunneling through the soil, while some species also feed on roots. Tunneling through the soil uproots the grass causing it to dry out, become thin and weedy, turn yellow and eventually die.

**Grub Life Cycle [graphics]**

1/08/12

[Optional- Residential Use Language]

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

Causes moderate eye irritation. Wear protective eyewear. Avoid contact with skin, 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 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>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>HOT LINE NUMBER</b>	
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.	
<b>NOTE TO PHYSICIAN</b>	
No specific antidote is available. Treat the patient symptomatically.	

**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 Home Use Only.

**INFORMATION**

This product feeds the plant to promote strong roots and beautiful blooms, while protecting the plant against insect damage for up to eight 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 INSTRUCTIONS**

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 MUCH TO APPLY**

Fill cap (1 oz). Two rounded tablespoons equals 1 oz.

For Roses: 2 capfuls (2 oz) per plant.

For Shrubs: 4 capfuls (4 oz) per foot of plant height.

For Flower Beds: 2 capfuls (2 oz) per 50 sq ft (5' x 10' bed area).

*[Alternate Measurements to Accommodate Larger Cap Size]*

Fill cap (2 oz). Four rounded tablespoons equals 2 oz.

For Roses: 1 capfuls (2 oz) per plant.

For Shrubs: 2 capfuls (4 oz) per foot of plant height.

For Flower Beds: 1 capfuls (2 oz) per 50 sq ft (5' x 10' bed area).

**HOW MUCH TO APPLY**

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.

**APPLICATION RATES**

CONTAINERIZED PLANTS/SIZE	AMOUNT OF PRODUCT NEEDED
1 Gallon	2.5 Tablespoons
2 Gallon	1/3 cup
3 Gallon	1/2 cup
<b>OR</b>	<b>OR</b>
4 inch	2.5 teaspoons
5 inch	1.5 Tablespoons
6 inch	2.5 Tablespoons

**KILLS**

Adelgids, Aphids, Armored Scales (suppression), Japanese Beetle Adults, Lacebugs, Leaf Beetles (including Elm Leaf, Viburnum Leaf, and Lily Leaf Beetles), Leafhoppers (including Glassy-winged Sharpshooter), Leafminers (including Birch and Boxwood Leafminers), Mealybugs, Pine Tip Moth Larvae, Psyllids, Root Weevil Larvae (including black vine weevils), Sawfly Larvae, Soft Scales (including lobate lac scales), Thrips, and Whiteflies.

**RESTRICTIONS**

- Do not apply near fish pools, ponds, lakes or streams.
- Do not apply to vegetable gardens.
- Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with insecticides.
- 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**

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

**PESTICIDE DISPOSAL:** **If empty** - Do not reuse this container. Place 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.