



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

**NOTIFICATION**

SEP 26 2011

SEP 26 2011

Name Mr. Matthew Granahan  
Company Nufarm Americas, Inc.  
Address 150 Harvester Drive, Suit 200  
Burr Ridge, IL 60527  
Subject: Notification: Minor label revisions  
Convert application rate to smaller area  
Mallet 1.47% Concentrate  
EPA Registration Number 228-525  
Your submission pin punched August 3, 2011

Dear Mr. Granahan:

The Agency is in receipt of your Application dated August 2, 2011 for Pesticide Notification under Pesticide Registration Notices (PRN) 98-10 and 2007-4 for the product Mallet 1.47% Concentrate, EPA Registration Number 228-525. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall 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 directly at 703-308-8291.

Sincerely,

*Rita Kumar*

Rita Kumar  
Senior Regulatory Specialist  
Insecticide-Rodenticide Branch  
Registration Division (7505P)  
Office of Pesticide Programs  
E-mail: kumar.rita@epa.gov



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

<p>United States <b>Environmental Protection Agency</b> Washington, DC 20460</p>	<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> 228-525	<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 1.47% Concentrate	<b>PM#</b> 01	
<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. _____  Product Name _____

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below: _____

**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>2. Type of Container.</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			
* Certification must be submitted		If "Yes" Unit Packaging wgt.    No. per container	If "Yes" Package wgt    No. per container	<input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
<b>3. Location of Net Contents Information</b>		<b>4. Size(s) Retail Container</b>		<b>5. Location of Label Directions</b>	
<input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		Pts, Qts, 1 - 265 Gallons, Bulk		<input checked="" type="checkbox"/> _____	
<b>6. Manner in Which Label is Affixed to Product</b>			<input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input checked="" type="checkbox"/> Stenciled <input type="checkbox"/> Other _____		

**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> Regulatory 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="border: 1px dashed black; padding: 5px; text-align: center;">           RECEIVED            (Stamped)         </div>
<b>2. Signature</b> 	<b>3. Title</b> Regulatory Manager	
<b>4. Typed Name</b> Matthew Granahan	<b>5. Date</b> 08/02/2011	



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# MALLET® 1.47%

## CONCENTRATE

NOTIFICATION  
SEP 26 2011

PROVIDES UP TO 12 MONTH OF SYSTEMIC PROTECTION AGAINST LISTED  
DAMAGING INSECTS INCLUDING LEAFMINERS, BEETLES AND BORERS.  
HAVING BEAUTIFUL TREES AND SHRUBS HAS NEVER BEEN EASIER.  
FOR OUTDOOR RESIDENTIAL USE

**ACTIVE INGREDIENT:**

Imidacloprid .....	1.47%
OTHER INGREDIENTS: .....	98.53%
TOTAL: .....	100.00%

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

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

SEE BACK PANEL 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

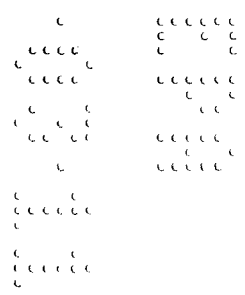
EPA REG. NO. 228-525  
EPA EST. NO.

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



NET CONTENTS

000228-00525.20110802.EPA Not



**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. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:

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

FIRST AID	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</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>
HOT LINE NUMBER	
<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>	

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic invertebrates. Do not apply directly to lakes, streams rivers or ponds. Do not dump rinse water into sewers or bodies of water.

**DIRECTIONS FOR USE**

Read all directions prior to application of the product.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply near lakes, streams, rivers, or ponds. Do not apply to soils which are water-logged or saturated. Bucket or measuring utensils should not be used for any food or drinking water purposes after use with this product.

For use on outdoor trees and shrubs, including listed fruit and nut trees:

Apple	Loquat	Oriental Pear	Pecan
Crabapple	Mayhaw	Pear	Quince

**INSECTS CONTROLLED**

This product can be used to control the following insects:

- Adelgids
- Aphids
- Vine Weevil Larvae (including Black Vine Weevil)
- Borers:
  - Roundheaded Borers (including Asian Longhorned Beetle and Eucalyptus Longhorned Borer)
  - Flatheaded (including Bronze Birch Alder and Emerald Ash Borers)
- Japanese Beetles, Adult
- Lacebugs
- Leaf Beetles (including Elm Leaf Beetles and Viburnum Leaf Beetles)
- Leafhoppers (including Glassy-winged Sharpshooter)
- Leafminers (including Birch Leafminers)
- Mealybugs
- Pine Tip Moth Larvae
- Psyllids
- Royal Palm Bugs
- Sawfly Larvae
- Scales (including Armored Scale [Suppression] and Soft Scale)
- Thrips
- Whiteflies

### HOW TO USE

Determine the amount to use by measuring the distance around the tree trunk or height of the shrub. Pour the required amount into a bucket of water and empty the bucket around the base of the tree/shrub.

### HOW MUCH TO APPLY

**Trees:** 1 ounce per inch of distance around trunk.

**Shrubs:** 3 ounces per foot of height.

#### Tree with one trunk

Measure distance (in inches) around tree trunk at chest height. A flexible tape measure is the recommended method [tool]. This is the number of ounces of this product to apply.

#### Tree with two or more trunks

Measure the distance (in inches) around each tree trunk and add together. Multiply this total by 0.75 to get the required number of ounces of this product to apply. Example: A tree has 4 trunks. They measure 20, 10, 5 and 5 [inches] or a total of 40 [inches].  $40 \times 0.75 = 30$  ounces.

#### Shrubs

Measure the height of the shrub to the nearest foot. Round any inches down to the nearest foot if less than 6" and up to the nearest foot if greater than 6". Multiply the number of feet by 3 - this is the number of ounces of this product to apply.

Do not apply more than 0.4 lb a.i. Imidacloprid (410 oz or 3.2 gallons of product) per acre per year. [Do not apply more than 9.4 oz. Imidacloprid per 1,000 sq. ft. per year.]

### HOW TO APPLY

- Fill a bucket or watering can with 1 gallon of water. [For trees with circumference greater than 50", use 2 gallons of water.]
- Shake Well.
- Carefully measure required amount of product into bucket.
- Slowly pour the solution evenly around the tree. For best results, pour as close to the trunk/main stem of the tree/shrub as possible.
- Fill the bucket with clean water and pour it around the trunk as well.

For best results, use this product as part of an overall tree and shrub health care program before problems start. This product can be applied anytime except when the ground is waterlogged or frozen. These conditions inhibit the movement of the product down into the root zone. During prolonged dry periods [spells], water the tree/shrub well the night before making an application.

For severe infestations, treat with a foliar insecticide such as Menace 2.4% ME, then use this product as part of routine care program.

The insecticide dissolved in water moves down through the soil, where it is absorbed by the roots. Once absorbed, it moves up through the tree or shrub providing up to year-long insect protection. This product even moves into new growth after application, thus protecting it, too! To get complete protection, the insecticide must distribute completely through the tree/shrub. Depending on the size and health of the plant, this may take one week to three months (for very large trees). Rain or water cannot wash off this internal protection.

**NOTE:** Application to trees heavily infested may not prevent their eventual loss due to existing pest damage and tree stress.

Children and pets may re-enter the treated area after it has dried.

**STORAGE AND DISPOSAL**  
[Residential]

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

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original container only. Store in a cool, dry place and avoid excess heat.

**PESTICIDE DISPOSAL AND CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. **If empty:** 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 (including toilet) or outdoor (including sewer) drain.

**STORAGE AND DISPOSAL**  
[Commercial]

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

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original container only. Store in a cool, dry place and avoid excess heat.

**PESTICIDE DISPOSAL AND CONTAINER DISPOSAL:**  
**Nonrefillable Containers 5 Gallons or Less:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or

disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

**Nonrefillable containers larger than 5 gallons:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If recycling or reconditioning is not available, puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Refillable containers larger than 5 gallons:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**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.

(RV080211)

Mallet is a registered trademark of Nufarm Americas Inc.

**OPTIONAL MARKETING CLAIMS**

**OPTIONAL FRONT PANEL CLAIMS:**

- Prevents damage from listed pests
  - Insects eating is reduced when they feed on the plant
  - Protects new growth.
  - Controls insects that damage trees and shrubs
  - Up to Year-long insect protection for trees and shrubs
  - Treats up to X average size trees or Y shrubs
  - Systemic insecticide is absorbed through the roots, carried up into the plant and won't wash off
  - Will not harm trees and shrubs
  - For use on all ornamental trees, listed fruit & nut trees, and shrubs
  - Kills listed insects & prevents new infestations
  - One application protects up to 12 months
  - Provides up to 12 Month Insect Protection
  - Rainproof Protection
  - Easy to use - Mix in water and pour around Tree/Shrub
  - Tree Protection - Roots to Leaves!
  - Bark Protection
  - Protects down to the Roots!
  - Protects from the Roots to the Leaves
  - (Up to 12-Month) (Up to 1 Year) Bark Protection (Defense)
  - (Up to 12-Month) (Up to 1 Year) Tree Protection (Defense)
  - Up to Year Long (Protection) (Defense)
  - Rain-Proof Formula
  - (Just) Apply Around Plant Base
  - Guaranteed†
- †THE ORTHO GUARANTEE If for any reason you are not satisfied with this product, mail us proof of purchase to obtain a full refund of your purchase price."
- Low-Pressure Shower Applicator

**OPTIONAL DIRECTIONS FOR USE:**

**Alternate Re-entry Statement**

[icon] People and pets may re-enter treated areas after spray has dried.

**Product Facts:**

PRODUCT FACTS	
Kills Insects	Kills and prevents Adelgids, Aphids, Emerald Ash Borer, Japanese Beetles and other listed insects
Where to Use (Apply)	For use on outdoor trees and shrubs, including listed fruit and nut trees
Amount to Use	Apply for 60 seconds around plant base to treat average tree (12-inch round trunk) or shrub (4 feet tall)
People & Pets	People and pets may re-enter treated areas after spray has dried

OPTIONAL LANGUAGE CONTINUED ( SEE BELOW )



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**OPTIONAL DIRECTIONS FOR USE: (continued)**

<b>HOW TO USE</b>	
Determine the amount of product needed according to chart below. Pour the required amount into a bucket of water and empty the bucket around the base of the tree/shrub.	
<b>HOW MUCH TO APPLY</b>	
<b>Tree with 1 trunk</b>	<ul style="list-style-type: none"> <li>• Measure distance (in inches) around tree trunk at chest height (a flexible tape measure is recommended).</li> <li>• This is the number of ounces of this product to apply.</li> </ul>
<b>Tree with 2 or more trunks</b>	<ul style="list-style-type: none"> <li>• Measure distance (in inches) around each tree trunk and add together.</li> <li>• Multiply this total by 0.75 to get the required number of ounces of this product to apply. Example: A tree has 4 trunks. They measure 20, 10, 5 and 5 [inches] or a total of 40 inches. <math>40 \times 0.75 = 30</math> ounces.</li> </ul>
<b>Shrubs</b>	<ul style="list-style-type: none"> <li>• Measure the height of the shrub to the nearest foot.</li> <li>• Multiply the number of feet by 3. This will be the number of ounces of this product to apply. Do not apply more than 0.4 lb a.i. Imidacloprid (410 oz or 3.2 gallons of product) per acre per year. [Do not apply more than 9.4 oz. Imidacloprid per 1,000 sq. ft. per year.]</li> </ul>
<b>HOW TO APPLY</b>	
<ul style="list-style-type: none"> <li>• Fill a bucket or watering can with 1 gallon of water (for large trees with circumference greater than 50 inches, use 2 gallons of water).</li> <li>• Shake bottle well.</li> <li>• Carefully measure required amount of product into bucket.</li> <li>• Slowly pour the solution evenly around the tree. For best results, pour as close to the trunk/main stem of the tree/shrub as possible.</li> <li>• Fill the bucket with clean water and pour it around the trunk as well.</li> </ul>	

OPTIONAL LANGUAGE CONTINUED (SEE BELOW )

**OPTIONAL DIRECTIONS FOR USE: (continued)**

<b>HOW TO USE</b>	
Determine the amount of product needed to treat your tree or shrub by following the steps below. Apply the required amount of product around the base of the tree or shrub.	
<b>STEP 1 - DETERMINE AMOUNT OF PRODUCT NEEDED</b>	
[icon] <b>Tree with 1 trunk</b>	<ul style="list-style-type: none"> <li>• Measure distance (in inches) around tree trunk at chest height (a flexible tape measure is recommended).</li> <li>• This is the number of ounces of this product to apply.</li> </ul>
[icon] <b>Tree with 2 or more trunks</b>	<ul style="list-style-type: none"> <li>• Measure distance (in inches) around each tree trunk and add together.</li> <li>• Multiply this total by 0.75 to get the required number of ounces of this product to apply.</li> </ul> <p>Example: A tree has 4 trunks. They measure 20, 10, 5 and 5 [inches] or a total of 40 inches. 40 x 0.75 = 30 ounces.</p>
[icon] <b>Shrubs</b>	<ul style="list-style-type: none"> <li>• Measure the height of the shrub to the nearest foot.</li> <li>• Multiply the number of feet by 3. This will be the number of ounces of this product to apply.</li> </ul> <p>Do not apply more than 0.4 lb a.i. Imidacloprid (410 oz or 3.2 gallons of product) per acre per year. Do not apply more than 9.4 oz. Imidacloprid per 1,000 sq. ft. per year.]</p>
<b>STEP 2 - DETERMINE TOTAL SPRAY TIME</b>	
The low-pressure shower applicator applies approximately 1 ounce of product every 5 seconds.	
<p style="text-align: center;"><b>Number Ounces    x        5 Seconds        =        Total Time to Apply</b> <b>(Step 1)</b></p> <p>Example - 12 ounces are needed (from Step 1). 12 ounces x 5 seconds = 60 Total Seconds Apply for approximately 60 seconds to plant base.</p>	
<b>HOW TO APPLY</b>	
<b>Connect</b>	<ul style="list-style-type: none"> <li>• Shake bottle well.</li> <li>• Connect sprayer to hose.</li> <li>• Turn on water.</li> </ul>
<b>Spray</b>	<ul style="list-style-type: none"> <li>• To begin spraying, point nozzle at the base of the tree/shrub you want to treat. Bend small plastic tab down and turn knob to ON position.</li> <li>• Apply evenly around the tree/shrub as close to the trunk/main stem as possible.</li> <li>• Spray for as long as calculated in the "HOW TO USE" section.</li> </ul>
<b>Finish</b>	<ul style="list-style-type: none"> <li>• Stop spraying, turn knob to OFF position.</li> <li>• Turn off water.</li> <li>• Relieve water pressure by bending the plastic tab down and turning knob to ON position until water slows to a drip. Then, turn knob back to OFF position.</li> <li>• Disconnect sprayer from hose.</li> </ul>

OPTIONAL LANGUAGE CONTINUED (SEE BELOW)

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**Optional Language:**

**THE ORTHO® GUARANTEE:** If for any reason you are not satisfied with this product, mail us proof of purchase to obtain a full refund of you purchase price.

**Designed for Independent Retailers**

Notice: To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

Questions, Comments, Medical Information Call 877-332-0748

HYPERLINK "http://www.ortho.com" [www.ortho.com](http://www.ortho.com)

Alternate "Amount to Use" section for the concentrate product:

Amount to Use	Tree: 1 ounce per inch of distance around trunk Shrub: 3 ounces per foot of plant height
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**LABEL HISTORY**

FILE NAME	REVISION MARK	COMMENTS
000228-00525.20100504.EPA_N	RV050410N	PRN98-10. Updated Optional Marketing Claims.
000228-00525.20100625.EPA_N	RV062510N	PRN98-10. Updated Optional Directions For Use for Shrubs.
000228-0525.20100730.Master	RV073010	PRN98-10. Updated Optional Marketing Claims.
000228-0525.20110414.EPA Not	RV041411	PR N 07-04 Update
000228-0525.20110505.MASTER	RV050511	EPA Accepted Notification
000228-00525.20110510.EPA E-mail	RV051011	EPA Changes per e-mail 05/10/2011
000228-00525.20110517.MASTER	RV051711	EPA SAL
000228-00525.20110802.EPA Not	RV080211	EPA Not PRN 98-10