

72155-96

10/14/2010

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Gregory C. Mattern  
Bayer Advanced  
2 T.W. Alexander Dr.  
P.O. Box 12014  
Research Triangle Park, NC 27709.

OCT 14 2010

Dear Mr. Mattern:

Subject: Labeling Amendment; General Revisions Per Agency Request  
Insecticide TD Granule  
EPA Registration No. 72155-96  
Date Submitted: October 14, 2010

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

1. On page two of the label, revise "*For best results, be sure to read and follow all label directions.*" to read "*Before use, read and follow all label directions.*"
2. Relocate the statement "*Children and pets may re-enter the treated area after it has dried.*" (page 4) to the restrictions section of the label located on page 2.

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the referenced label, incorporating the above changes, before releasing the product for shipment. If you have any questions regarding this letter, please contact Kable Bo Davis at (703) 306-0415 or [davis.kable@epa.gov](mailto:davis.kable@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Venus Eagle".

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

Enclosure- Stamped Label

2016

(Front Panel)

# Insecticide TD Granule

## (ABN) Bayer Advanced 12-Month Tree & Shrub Protect and Feed Ready-To-Use Granules II

### Fertilizer Claims:

- Feeds for up to 3 months
- Keeps on feeding for up to 3 months
- Continuous feeding for up to 3 months
- Improves plant growth
- Improves plant health
- Revitalize trees and shrubs
- Spurs tree and shrub recovery
- Stimulates Tree & Shrub recovery
- Advances plant health
- Increases plant health
- Increases plant growth
- Promotes stronger roots systems
- Provides slow release feeding (fertilizer)
- Provides slow release nitrogen
- Fertilizer – Feeds for up to 3 months
- Improves Vitality of trees and shrubs

### General & Combination Claims:

- (Dual Action) (2 in 1) Formula: Long lasting and Fast acting
- Dual Action - Protect & Feeds
- Easy Measuring Cup
- No messy spraying
- Do it Yourself Tree Protection
- Feeds and protects against listed insects in one easy step
- Protects for 12 months plus feeds
- 12-MONTH PROTECTION with one application
- Protects the entire tree or shrub – especially new growth
- Systemic rainproof protection won't wash off
- Kills destructive pests like: Adelgids, Caterpillars, Leafminers, Japanese Beetles, and other listed pests
- Caterpillar Killer Formula
- No Spray technology
- Protects against listed insects (including caterpillars) plus improves vitality of trees and shrubs
- No spraying! Measure and sprinkle at plant base
- A new way to protect (and feed) trees and shrubs
- 100% Satisfaction Guaranteed (or your money back)\*
- 33% more vs. 3 lb. size (4 lb. size)

- 25% more vs. 4 lb. size (5 lb. size)
- Kills destructive caterpillars (such as gypsy moth, fall webworms).
- Protects trees and shrubs from listed insects and feeds the roots
- Patented formula protects your trees and shrubs from insects plus feeds
- Ready to Spread Granules – no mixing
- Fast releasing (dissolving) granules
- Easy to use granules

### Pesticidal Claims:

- Stops Insect Feeding
- Protects trees, shrubs, and containerized plants from damaging insects with one easy treatment
- Helps keep trees and shrubs strong. Protects new growth
- Kills listed insects that damage trees and shrubs
- Controls listed insects that damage trees and shrubs
- Season long protection
- Year-long insect protection for trees and shrubs
- Systemic insecticide is absorbed through the roots, carried up into the plant and won't wash off
- Helps prevent listed insects from damaging trees and shrubs
- Will not harm trees and shrubs
- For use on all ornamental trees and shrubs and containerized plants
- Kills listed insects & prevents new infestations
- Provides 12-Month Insect Protection
- Rainproof Protection
- Apply granules around plant, water in, and walk away
- Contains Merit® (a proprietary formula)
- Delivers 12 month insect protection
- Delivers year long insect protection
- Rainproof
- Kills listed insects
- Insect protection
- Protects Trees from

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
OCT 14 2010**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
72155-96**

[The word "listed" can appear as a footnote on the same page as the claim with the appropriate phrase, such as "listed insects"]

### ACTIVE INGREDIENTS:

Imidacloprid.....	0.55%
Clothianidin.....	0.275%
<b>OTHER INGREDIENTS:</b> .....	<b>99.175 %</b>

### Net Contents:

**STOP - Read This Entire Label Before Use  
KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See Back Panel [Booklet] for Additional Precautionary Statements

Text in ( ) is optional.

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**(BACK PANEL)**

This product provides 12-month long lasting systemic protection against damaging listed insects including Adelgids, Aphids, Borers, Caterpillars, Japanese beetles, Leafminers, Scale, and Whiteflies plus feeds in a single application. Having beautiful trees and shrubs has never been easier.

- No spraying or mixing
- Just measure, sprinkle, and water-in
- Protects & feeds entire tree or shrub

**READ THE LABEL FIRST!**

**QUICK FACTS**

- Provides year long (12-month) Insect Protection
- Will Not Harm Trees, Shrubs, and Containerized Plants
- Easy to Use . . . Apply Around Plant, Water in and Walk Away
- Rain or Moisture can not wash off this internal protection
- Rainproof Protection
- Dual action, kills insects and feeds your tree
- Two Products in one, an insect killer and a fertilizer
- Two-in-One formula kills insects while feeding your tree
- Double Action (2-in-1)
- Easy to Use measuring (devise name, i.e. cup, cap, etc.).
- Provides slow release feeding
- Provides 12-month insect protection

<b>KILLS</b>	Adelgids, aphids, borers, caterpillars, Japanese beetles, leafminers, scale, whiteflies and other listed pests
<b>WHERE TO USE</b>	Outdoor ornamental trees and shrubs and containerized plants. Restriction: Do not apply to plants grown for food.
<b>HOW TO USE</b>	1. Measure distance around tree trunk or height of shrub or determine container size 2. Apply required amount of product around plant base and water in
<b>HOW MUCH TO USE</b>	<b>Trees:</b> approximately 1/4 cup for every inch of distance around trunk <b>Shrubs:</b> approximately 3/4 cup for every foot of height <b>Containerized Plants:</b> approximately 2 1/2 Tablespoons for each five gallon container (Note: Number of cups and tablespoons, or teaspoons will depend on bulk density of the formulation) 2/3 Tablespoons for each five gallon container; treats up to 42 - five gallon containers (32 fl oz size)
	For questions or comments, call toll-free 1-877 BayerAG (1-877-229-3724)

**FOR OUTDOOR RESIDENTIAL USE ONLY**

<b>ACTIVE INGREDIENTS:</b>	
Imidacloprid .....	0.55%
Clothianidin .....	0.275%
<b>OTHER INGREDIENTS:</b> .....	99.175 %

EPA Reg. No. 72155-96

EPA Est. No. XXXX-AA-XX

FERTILIZER ANALYSIS X-X-X

**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.

<b>BEFORE YOU USE</b> Read and follow directions when using.	<b>Restrictions:</b> <ul style="list-style-type: none"> <li>• Do not apply near lakes, streams, rivers, or ponds.</li> <li>• Do not apply to soils which are waterlogged or saturated.</li> <li>• Bucket or measuring utensils must not be used for any food or drinking water purposes after use with this product.</li> </ul>
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<b>HOW TO USE</b>	Determine the amount to use by measuring the distance around the tree trunk or height of the shrub. Apply the required amount around the base of the tree or shrub. For containerized plants, determine container size and apply the required amount of product on top of the potting soil in the plant container.		
<b>FOR USE ON</b>	Outdoor ornamental trees, shrubs and containerized plants. Restriction: Do not apply to plants grown for food.		
<b>CONTROLS</b>	<p>Adelgids</p> <p>Aphids</p> <p>Armored Scales (suppression)</p> <p>Borers</p> <p>Roundheaded (including Eucalyptus Longhorned Borers) Flatheaded (including Bronze Birch, and Alder)</p> <p>Pine Bark Beetles (including Ips beetles) (suppression)</p> <p>Caterpillars (including gypsy moths, fall webworms, and tent caterpillars)</p>	<p>Fungus Gnat Larvae</p> <p>Japanese Beetles, Adult</p> <p>Lace bugs</p> <p>Leaf Beetles (including Elm Leaf, Viburnum Leaf, and Lily Leaf Beetles)</p> <p>Leafhoppers (including Glassy-winged Sharpshooter)</p> <p>Leafminers (including Birch and Boxwood Leafminers)</p> <p>Mealybugs</p> <p>Pine Tip Moth Larvae</p>	<p>Psyllids</p> <p>Royal Palm Bugs</p> <p>Root Weevil Larvae (including black vine weevils)</p> <p>Sawfly Larvae</p> <p>Soft Scales (including lobate lac scales)</p> <p>Thrips</p> <p>Whiteflies</p> <p>White Grub larvae (such as Japanese Beetles, Chafers, European Chafer, Oriental Beetle, Asiatic Garden Beetle)</p>
<b>HOW MUCH TO APPLY</b>	Trees	<p>Measure the distance in inches around the tree trunk at approximately 4.5 feet from ground level. For each inch of distance around the trunk, apply (0.46 grams ai) approximately ¼ cup product around the tree trunk.</p> <p>Example: For a tree measuring 10 inches around, apply (4.6 grams ai) approximately 2 ½ cups (ten – ¼ cups) product in a circle 2 feet from the tree trunk.</p> <p>Use a flexible tape measure, or other measuring device when measuring the distance around a tree.</p>	
	Tree With 2 or More Trunks	<p>Measure the distance in inches around each tree trunk at approximately 4.5 feet from ground level, add together, and multiply by 0.75. This measurement times ¼ cups is the amount of product to apply around the tree trunk.</p> <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 then multiply 30 x (0.46 grams ai) ¼ cups = (13.8 grams ai) 7 ½ cups.</p>	
	Shrubs	<p>Measure the height of the shrub to the nearest foot. For each foot of height apply approximately ¾ cup product evenly around the shrub base.</p>	
	Containerized Plants	<p><b>Container Size</b></p> <p>1 gallon</p> <p>2 gallon</p> <p>3 gallon</p> <p>5 gallon</p> <p>10 gallon</p> <p>15 gallon</p>	<p><b>Amount Product Needed</b></p> <p>2 teaspoons</p> <p>4 teaspoons</p> <p>2 Tablespoons</p> <p>3 1/3 Tablespoons</p> <p>1/3 cup</p> <p>½ cup</p>
	Restriction: Do not make more than one application per year.		

**DIRECTIONS FOR USE continued**

**HOW TO APPLY**

**Trees and Shrubs:**

- For trees with distance around trunk less than 30 inches, apply the required amount of product evenly in a circle 2 feet from the tree trunk. Trees with distance around trunk greater than 30 inches, apply the product evenly in a circle 3-4 feet from the tree trunk.
- For shrubs less than 3 feet tall, apply the required amount of product evenly in a circle 1 foot from the base of the shrub. Shrubs greater than 3 feet tall, evenly apply granules in a circle 2 feet from the base of the shrub.
- Brush or wash off any granules from plant foliage to prevent injury.

**Containerized Plants:**

- Apply the required amount of granules evenly on top of potting soil and water thoroughly.
- For the first 10 days, do not allow flushing through the container to the point where it flows out the bottom.
- For indoor containerized plants, bring outdoors, make treatment, and return indoors when no excess water is present.

**Additional Directions:**

- Water in granules immediately after application with enough water to dissolve the granules and cause the soil to be wet to a depth of 3-4 inches. With watering, granules will slowly dissolve to release the insecticide and fertilizer into the soil.
- Pull back mulch and weed barrier before application.
- Use this product as part of an overall tree and shrub health care program before problems start (preferably in the fall). (However,) This product can be applied anytime except when the soil is waterlogged or frozen. These conditions inhibit the movement of the product down into the root zone. During prolonged dry periods, saturate the soil around the tree or shrub well with water the night before making an application.
- For severe infestations, treat with a foliar insecticide such as (other Bayer Insecticide), then use this product as part of a routine care program.

**HOW IT WORKS**

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 year-long insect protection. This product even moves into new growth after application, thus protecting it, too! For insect control, the insecticide must distribute completely through the tree or 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. In addition to insect protection, a slow release nitrogen fertilizer is supplied for the tree or shrub.

(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.

**Directions for Storage and Disposal**

**Pesticide Storage Conditions**

Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.

**Pesticide Disposal**



**If empty:**

- Non-refillable container. Do not refill or reuse container.
- Rinse the empty product container thoroughly and disperse the rinse water around trees or shrubs as part of application.
- Place empty container in trash or offer for recycling if available.

**If partly filled:**

- Call your local solid waste agency or toll free 1-877-229-3724 for disposal instructions.
- Never place unused product down any indoor or outdoor drain.

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

- Harmful if swallowed or absorbed through skin.
- Avoid contact with skin, eyes, or clothing.
- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.
- Wear long-sleeved shirt and long pants, socks, shoes, and gloves.

<b>First Aid +</b> neonicotinyl Insecticide	
<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 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>
<p><b>NOTE:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 877-229-3763 for emergency medical treatment information. Active Ingredients: 0.55% Imidacloprid [CAS # 138261-41-3] and 0.275% Clothianidin [CAS # 210880-92-5 ]</p>	

**ENVIRONMENTAL HAZARDS**

- This pesticide is 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. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. 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.
- Apply this product only as specified on this label.

**NOTICE:** Research and testing have determined that the "Directions for Use" are appropriate for the proper use of this product under expected conditions. The Buyer, to the extent consistent with applicable law, assumes responsibility for lack of performance or safety if not used according to the directions.

**\*Money Back Guarantee:** If you are not satisfied with this product, we will gladly refund your original purchase price.



A Business Unit of Bayer CropScience, L.P.  
2 T.W. Alexander Drive  
Research Triangle Park, NC 27709

Insecticide TD Granules (PENDING) 10/14/10