



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

72155-31

Date of Issuance:

DEC 9 2003

**NOTICE OF PESTICIDE:**  
 Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

0.15% Imidacloprid +  
0.05% Beta-Cyfluthrin  
Granular Insecticide

Name and Address of Registrant (include ZIP Code):

**Bayer Advanced**  
**95 Chestnut Ridge Road**  
**Montvale, NJ 07645**

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 72155-31".
  - b. Delete the references to "complete" protection from where it occurs in the list of claims for this product.
  - c. Delete the references to "4-way action" and "works 4 ways" from wherever it appears on the product labeling.
  - d. Delete the reference to "two products in one" from where it occurs in the list of claims for this product.

Signature of Approving Official:

Daniel C. Kenny, Product Manager (01)  
Insecticide-Rodenticide Branch, Registration Division (7505C)

Date:

DEC 9 2003

- e. The use on termites must be qualified. Therefore, where termites appears in the pest list and within the directions for use, a footnote must be added to include the following information:

"This product will kill workers and winged reproductive forms of termites that enter into the treated areas. Use of this type of product to kill termites should not be considered a substitute for soil treatment of subterranean termites done by a professional pest control operator."

- f. Add a dermal statement and an inhalation statement to the First Aid section to read as follows:

If on skin or clothing:	<ul style="list-style-type: none"> <li>● Take off contaminated clothing.</li> <li>● Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>● Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul style="list-style-type: none"> <li>● Move person to fresh air.</li> <li>● If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>● Call a poison control center or doctor for further treatment advice.</li> </ul>

3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Daniel C. Kenny  
 Product Manager (01)  
 Insecticide-Rodenticide Branch  
 Registration Division (7505C)

Enclosure

DK: 305-7546: IRB/PM01

CONCURRENCES

SYMBOL >	7505C							
SURNAME >	D. Kenny							
DATE >	12/9/2003							

# 0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular

## Insecticide

For Use on: Lawns, Ground Covers, Flower Beds, Around Trees & Shrubs, and Around Homes

- READY TO USE
- KILLS INSECTS
- KILLS ANTS
- KILLS GRUBS
- Exclusive [insert trademark]™ formula
- Exclusive [insert trademark]™ technology
- ~~Ultra Formula (twice as effective) (more killing Power)~~
- ~~Breakthrough Formula - More killing power~~
- ~~More powerful~~
- Beta-Track Technology - ~~New More Powerful (effective)~~
- ~~Kills insects you see and gets the ones you don't~~
- Creates long-lasting kill zone
- ~~Kills the insects you see, plus gets the ones you don't~~
- Controls pests above ground or below ground (from the grass to the roots/top to bottom)
- Systemic Action (systemic protection) for ~~complete~~ protection
- Long-Lasting - up to 90-Day Subsurface Insect Protection
- Up to 90 Day grub Protection
- Long-Lasting Protection
- Stops Ants Outdoors--Before They Come Inside
- Effective Home Barrier Treatment
- Kills Nuisance Pests Outdoors
- Quickly Kills Above Ground Outdoor Pests
- Kills Below Ground Outdoor Pests Like White Grubs
- Kills Ants Fast
- Kills surface pests in (24) hours
- Protects your lawn from top to bottom
- Kills Bugs (Insects) At Every Level
- Exclusive 2-Way Action - Kills Soil and Surface Insects
- ~~4-Way (Beta-Track) Action (Works 4-Ways to Control Insects)~~
- ~~Works 4 ways to control insects~~
- Works 2 ways to control insects
- ~~Two Products in One (2-in-One)~~
- Combo Product
- ~~Complete Insect Control - Surface and Soil Insects~~
- Kills Tough Bugs (Like Scorpions, Mole Crickets, and Ants)
- Stops and Prevents Insect Damage
- One Step (Lawn) Insect Protection
- Kills Insects Above and Below Ground
- One Application Keeps on Killing (Working) for Weeks
- Guaranteed Results
- Kills 30+ Outdoor Pests in Lawns & Around Home
- Kills Lawn Pests
- Kills White Grubs and Mole Crickets
- One Application Kills White Grubs
- Kills White Grubs Early, Before They Damage Your Lawn
- One Application Stops/Kills Grubs
- Contains Merit® and Tempo Ultra®
- Sprinkle On Ant Mound and Walk Away
- Highly Effective Fast Acting Formula
- Kills Fire Ant Queens and Colony
- Even Effective/Works in the Rain
- Long Lasting...Keeps on Killing for Weeks
- Also stops spiders, ticks, fleas, cockroaches and other pests
- Leading (cutting edge) insect control
- Leading (Edge) Technology insect control

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
DEC 9 2003

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

72155-31

- Fast Acting Granules (Kills bugs at every level) (Kills bugs Above & Below ground)
- ~~4 way (action) Granules~~
- Powerful Fast Acting ~~(4 Way)~~ Granules

**ACTIVE INGREDIENT:**

Imidacloprid .....0.15%  
 Beta-Cyfluthrin ..... 0.05%

**OTHER INGREDIENTS\***..... 99.80%

**Net Contents:** 10 lbs

**KEEP OUT OF REACH OF CHILDREN**

# CAUTION

**See back panel for ingredients and  
Precautionary statements**

Do not apply liquid sprays containing beta-cyfluthrin or imidacloprid  
in addition to this product.

[ ] Information is optional

Bayer Advanced Lawn 0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular Insecticide contains Bayer's proprietary ~~4-way~~ (2-way) action [insert trademark <sup>TM</sup> Granules (formula) for maximum pest control. Bayer Advanced's ~~4-way~~ action controls turf pests like ants fleas, and ticks plus soil pests like grubs in one easy step. It not only kills existing pests quickly but also keeps on protecting for up to 90 days Keeping the yard, lawn, and around your home free of nuisance pests has never been easier.

[BACK PANEL]

**READ THE LABEL FIRST!**

<b>QUICK FACTS</b>		
<ul style="list-style-type: none"> <li>• Kills Insects both Above &amp; Below Ground</li> <li>• Controls existing populations plus keeps on preventing new infestations for up to 90 days</li> <li>• Kills Pests Outdoors in Lawns, Ground Covers, Flower Beds, Around Trees &amp; Shrubs, and Around Homes</li> <li>• Kills White Grubs Early, Before They Damage the Lawn</li> <li>• One Application Kills White Grubs</li> <li>• For Use With Lawn or Hand-held Spreaders</li> <li>• Convenient, Ready to Use Shaker Bottle</li> <li>• Kills Ants Outdoors in Lawns and Around Homes</li> <li>• Effective as a Spot Treatment for Ant Mounds</li> <li>• Kills Fire Ant Queens and Destroys the Colony-Results in 3 Days</li> <li>• Easy-To-Use Granules</li> </ul>		
<b>KILLS</b>	Annual Bluegrass weevil (hyperodes weevil) Ants Armyworms Billbugs Black turfgrass Ataenius Centipedes Chiggers Chinch Bugs Cockroaches Crickets Cutworms Digger wasps (Cicada killer) Earwigs European crane flies Fire Ants Fleas Grasshoppers Leafhoppers Mealybugs	Millipedes Mole Crickets Mosquitoes Pillbugs Scorpions Sod webworms (lawn moths) Sowbugs Spiders Termites Ticks (including deer ticks) White Grubs (including larvae of Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafer, Japanese Beetle, May or June Beetle, and Oriental Beetle)
<b>COVERAGE</b>	Covers up to 5,000 sq ft	
<b>WHERE TO USE</b>	Lawns, Ground Covers, Flower Beds, Around Trees & Shrubs, and Around Homes	
<b>WHEN TO USE</b>	General Surface Pests: Whenever insects are present White Grubs: May thru July European crane fly larvae: Apply once, when adult insects are present in large numbers.	

**0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular**

<b>HOW MUCH TO USE</b>	See directions
	For questions or comments, call toll-free 1-877- BayerAL or visit us on-line at <a href="http://www.AdvancedLawn.com">www.AdvancedLawn.com</a>

**FOR OUTDOOR RESIDENTIAL USE**

**ACTIVE INGREDIENT:**

Imidacloprid .....0.15%

Beta-Cyfluthrin .....0.05%

**OTHER INGREDIENTS\*** .....99.80%

100.00%

Treats Up to 5,000 sq ft

EPA Reg. No. 72155-XX    EPA Est. No. XXXX-AA-XX

<b>DIRECTIONS FOR USE</b>	
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For best results, be sure to read and follow all label directions.	
<b>BEFORE YOU USE</b>	<p>Read and follow these directions when using:</p> <ul style="list-style-type: none"> <li>• Do not apply near fish pools, ponds, streams or lakes.</li> <li>• Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with this insecticide.</li> <li>• Keep children and pets away from treated area until it has been watered and allowed to dry.</li> <li>• Do not use in vegetable gardens.</li> </ul>
<b>HOME PERIMETER TREATMENT</b>	
<b>HOW TO USE</b>	<b>PESTS</b> Ants                      Crickets                      Pillbugs Centipedes              Digger wasps              Scorpions Cockroaches              Earwigs                      Sowbugs Millipedes                      Spiders Termites
	<b>HOW MUCH TO APPLY</b> 1/3 to 1/2 cup per 45 to 50 ft (2 to 3 ft band) [2 to 3 lbs per 1000 sq ft] Covers up to 5,000 sq ft (a band 5 feet wide and 1000 feet long.) Treats perimeter of thirteen, 30 ft by 60 ft structures
	<b>HOW TO APPLY</b> <u>Around the House</u> To keep these pests away from your home, apply granules in a band 2 to 3 feet wide around and up to the structure. Tip: A hand-held spreader makes this easy.
	<b>PEST</b> Ants                      Digger wasps (Cicada killer)
	<b>HOW MUCH TO APPLY</b> 1 to 2 tsp. per mound or wasp burrow
	<b>HOW TO APPLY</b> <u>For Ant Mounds or Wasp Burrows</u> Sprinkle 1 to 2 teaspoons of granules over the ant mound or wasp burrow. Treat wasps at night, after they are back in their nest.
Continued in next column	

<b>DIRECTIONS FOR USE continued</b>																											
<b>TO CONTROL PESTS IN AND AROUND THE LAWN</b>																											
<b>HOW TO USE</b>	<p><b>PESTS</b></p> <table border="0"> <tr> <td>Annual Bluegrass weevil (hyperodes weevil)</td> <td>Mole Crickets</td> </tr> <tr> <td>Ants</td> <td>Mosquitoes</td> </tr> <tr> <td>Armyworms</td> <td>Sod Webworms (lawn moths)</td> </tr> <tr> <td>Billbugs</td> <td>Ticks (including deer ticks)</td> </tr> <tr> <td>Black Turfgrass Ataenius</td> <td>White Grubs (including larvae of Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafers, Japanese Beetle, May or June Beetle, and Oriental Beetle)</td> </tr> <tr> <td>Chiggers</td> <td></td> </tr> <tr> <td>Chinch Bugs</td> <td></td> </tr> <tr> <td>Cutworms</td> <td></td> </tr> <tr> <td>European crane flies</td> <td></td> </tr> <tr> <td>Fleas</td> <td></td> </tr> <tr> <td>Grasshoppers</td> <td></td> </tr> <tr> <td>Leafhoppers</td> <td></td> </tr> <tr> <td>Mealybugs</td> <td></td> </tr> </table>	Annual Bluegrass weevil (hyperodes weevil)	Mole Crickets	Ants	Mosquitoes	Armyworms	Sod Webworms (lawn moths)	Billbugs	Ticks (including deer ticks)	Black Turfgrass Ataenius	White Grubs (including larvae of Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafers, Japanese Beetle, May or June Beetle, and Oriental Beetle)	Chiggers		Chinch Bugs		Cutworms		European crane flies		Fleas		Grasshoppers		Leafhoppers		Mealybugs	
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	<p><b>HOW MUCH TO APPLY</b></p> <p>Apply 2 to 3 lbs per 1000 sq ft (This bag covers up to 5000 sq ft)</p> <p>Adjust your spreader to the proper setting. See the table below.</p> <p>This bag covers 5,000 sq ft which is the same as a band 5 feet wide and 1000 feet long.</p>																										
	<p><b>HOW TO APPLY</b></p> <p>Use rotary or drop type spreaders to apply granules evenly over the lawn, flower beds, ground covers, and around trees/shrubs. To be sure you cover lawn areas uniformly, first treat the border of the lawn then fill in the center. Make parallel passes, walking at a steady pace to ensure even distribution of the granules.</p> <p>Water thoroughly within a day after applying.</p> <p><b>TIP:</b> For best control of white grubs, mole crickets, and European crane flies apply just before egg hatch. Contact your County Extension Agent for the ideal dates to apply in your area.</p>																										
	<p><b>PEST</b></p> <p>Fire Ants</p>																										
	<p><b>HOW MUCH TO APPLY</b></p> <p>¼ cup per mound</p>																										
	<p><b>HOW TO APPLY</b></p> <p><u>Fire Ant Mounds</u></p> <p>Sprinkle evenly over mound. Treat new mounds as they appear.</p>																										
<b>FOR BEST RESULTS</b>	<p>Water in thoroughly after applying.</p> <p>Do not mow until the granules are thoroughly watered in.</p> <p>To prevent pest damage, apply 0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular Insecticide early--when pests are still young and easier to kill.</p> <p><b>For control of European crane fly larvae apply 3 lbs per 1,000 sq ft.</b></p> <p><b>Also, for improved and extended protection against all pests, apply at the high rate of 3 lbs per 1,000 sq ft.</b></p>																										

**0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular**

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**SPREADER SETTINGS**

If your spreader is not listed, please call our Consumer Service Hotline toll-free (877) 229-3724 for help.

Rate: 2 to 3 lbs per 1,000 sq ft

SPREADER	SETTING* to deliver 2 lbs or 3 lbs per 1,000 sq ft
Vigoro Drop Vigoro Rotary Sta-Green Drop Sta-Green Rotary Bandini Ev-N-Spread Rotary Ortho Drop Ortho Rotary Precision Drop Precision Rotary Quaker Rotary Republic EZ Drop Republic EZ Grow Republic EZ Rotary Scotts Drop Scotts Accugreen Scotts Easygreen Scotts Evengreen Scotts Speedy Green True Temper Rotary ADD: NEW TWO-IN-ONE SPREADERS	To be determined.

- Settings are approximate. The condition of your spreader, the speed at which you walk and uneven terrain may affect the rate of application. Calibrate your spreader according manufacturer's directions.
- Tip: 1000 sq ft = 20 ft x 50 ft
- Do not use a spreader that applies granules in narrow, concentrated or uneven bands. Be sure the spreader works properly and spreads granules evenly.

Children and pets may re-enter after the treated area has been watered and allowed to dry.

<b>IMPORTANT: Directions for Storage and Disposal</b>	
Storage Conditions:	Store in original container in a cool, dry place, out of the reach of children, preferably in a locked storage cabinet.
Disposal: 	<ul style="list-style-type: none"> <li>• Completely empty bag.</li> <li>• Do not reuse empty bag.</li> <li>• Place bag in trash.</li> </ul>
<p><b>Important:</b> It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please call your local solid waste agency or you may call toll-free 1-877-229-3724 for disposal instructions. Never place unused product down any indoor or outdoor drain.</p>	

**0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular**

<b>PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS</b>	
<b>CAUTION</b>	
<ul style="list-style-type: none"> <li>• Harmful if swallowed, inhaled or absorbed through skin.</li> <li>• Causes moderate eye irritation.</li> <li>• Avoid contact with skin, eyes or clothing.</li> <li>• Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.</li> <li>• Remove contaminated clothing and wash clothing before reuse.</li> </ul>	

<b>FIRST AID</b>	
<b>IN CASE OF ACCIDENTAL...</b>	<b>IMMEDIATELY...</b>
<b>Swallowing</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 a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>Contact with 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>
<p><b>NOTE:</b> When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call toll-free 877-229-3763 for medical emergency information. Active Ingredient: 0.15% Imidacloprid [CAS # 138261-41-3] and 0.05% Beta-Cyfluthrin [CAS # 68359-37-5].</p>	

**ENVIRONMENTAL HAZARDS**

- This pesticide is toxic to fish. Do not apply directly to water.
- Do not contaminate water when cleaning equipment or disposing of equipment wash water.
- 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 0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular Insecticide under expected conditions. The Buyer 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.

**D-9776 120503**

**0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular**