

72155-31

2/15/2012

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



OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

February 15, 2012

Annette M. Bloomberg  
Bayer Advanced  
P.O. Box 12014  
2 T.W. Alexander Drive  
Research Triangle Park, NC 27709

Dear Ms. Bloomberg:

Subject: (1) Amended label to clarify rates for ants, fleas, ticks, and other pests  
(2) Extension request for existing stocks of label accepted 6/11/2009  
Product Name: 0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular Insecticide  
EPA Reg. No. 72155-31  
EPA Decision No. 460879

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable. Your request for an extension from 4/6/12 to 6/30/12 for use of the label accepted 6/11/2009 is also granted.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself. This information can be added by non-notification per PR Notice 98-10.

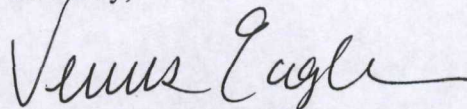
Please also note that should you wish to add/retain a reference to the company's website ([www.ortho.com](http://www.ortho.com)) on your label, then the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, *regardless of whether a website is referenced on your product's label*, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website may be referred to the EPA's Office of Enforcement and Compliance Assurance.



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A stamped copy of the label is enclosed for your records. Please submit two copies of your final printed labeling before you release the product for shipment. Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). If you have any questions, please contact Julie Chao by phone at: (703) 308-8735, or by email at: [chao.julie@epa.gov](mailto:chao.julie@epa.gov).

Sincerely,



Venus Eagle, Product Manager 01  
Insecticide-Rodenticide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure: *Label Stamped "Accepted," dated February 15, 2011*



# 0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular Insecticide

**(ABN) Bayer Advanced Complete Insect Killer for Soil & Turf Ready-to-Spread Granules**

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

- |   |   |
|---|---|
| 1. READY TO USE   | 29. Kills 30+ Listed Outdoor Pests in Lawns & Around Home                   |
| 2. KILLS LISTED INSECTS   | 30. Kills Listed Lawn Pests   |
| 3. KILLS ANTS   | 31. Kills White Grubs and Mole Crickets                                     |
| 4. KILLS GRUBS  | 32. One Application Kills White Grubs                                       |
| 5. [insert trademark]™ formula  | 33. Kills White Grubs Early   |
| 6. [insert trademark]™ technology   | 34. One Application Stops/Kills Grubs                                       |
| 7. Creates long-lasting kill zone   | 35. Contains Merit® and Tempo Ultra®  |
| 8. Controls listed pests above ground or below ground (from the grass to the roots/top to bottom) | 36. Sprinkle On Ant Mound and Walk Away                                     |
| 9. Systemic Action (systemic protection) for protection   | 37. Even Effective/Works in the Rain  |
| 10. Long-Lasting – up to 90-Day Subsurface Insect Protection                                      | 38. Long Lasting...Keeps on Killing for Weeks                               |
| 11. Up to 90 Day grub Protection  | 39. Also stops spiders, ticks, fleas, cockroaches and other listed pests    |
| 12. 3-Month Soil Insect Protection  | 40. 100% Satisfaction Guaranteed**  |
| 13. Long-Lasting Protection   | 41. Highly Effective Systemic Protection                                    |
| 14. Effective Home Perimeter Treatment  | 42. Kills Listed surface pests in 24 hours (at 2 lb/1,000 sq. ft. rate)     |
| 15. Kills Listed Nuisance Pests Outdoors  | 43. Kills listed soil insects for up to 3 months                            |
| 16. Kills Listed Above Ground Outdoor Pests   | 44. 20% more vs. 10 lb size (12 lbs)  |
| 17. Kills Listed Below Ground Outdoor Pests Like White Grubs                                      | 45. Treats up to 10,000 sq. ft. (10 pound size)                             |
| 18. Kills Ants  | 46. For Ants, Fleas, and Ticks  |
| 19. Protects your lawn from top to bottom   | 47. For Ants, Fleas and Ticks - Covers up to 10,000 sq. ft. (10 pound size) |
| 20. 2-Way Dual Action* – Kills Listed Soil and Surface Insects                                    | 48. Covers 5,000 sq. ft. (all pests) (10 pound size)                        |
| 21. Works 2 ways to control insects*  | 49. Kills listed surface pests in lawn, landscape, and around home          |
| 22. Combo Product*  | 50. 2-Way Formula*  |
| 23. Insect Control – Listed Surface and Soil Insects  |   |
| 24. Kills Listed Bugs (Like Scorpions, Mole Crickets, and Ants)                                   |   |
| 25. Stops and Prevents Insect Damage  |   |
| 26. One Step (Lawn) Insect Protection   |   |
| 27. Kills Listed Insects Above and Below Ground   |   |
| 28. Guaranteed Results**  |   |

\*contains both contact and systemic insecticides

\*\* Money Back Guarantee:

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

ACCEPTED  
FEB 15 2012

## ACTIVE INGREDIENTS:\*

Imidacloprid .....	Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the	0.15%
Beta-Cyfluthrin .....	pesticide registered under:	0.05%
OTHER INGREDIENTS .....		99.80%

Net Contents: 10 lbs, 12 lbs, 20 lbs, 30 lbs.

EPA Reg. No: 72155-31

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional Precautionary statements

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

[ ] Information is optional





**[BACK PANEL]**

This product contains Bayer's proprietary 2-way action [insert trademark <sup>TM</sup>] Granules (formula)\*. Bayer Advanced's 2-way action controls turf pests like ants fleas, and ticks plus soil pests like grubs in one easy step. It not only kills existing listed soil pests, but also keeps on protecting for up to 90 days. Keeping the yard, lawn, and around your home free of listed nuisance pests has never been easier.

**READ THE LABEL FIRST!****QUICK FACTS**

- Kills listed Bugs (Insects) Above & Below Ground
- Controls existing populations plus keeps on preventing new soil infestations for up to 90 days
- Kills Listed Pests Outdoors in Lawns, Ground Covers, Flower Beds, Around Trees & Shrubs, and Around Homes
- Kills White Grubs Early
- One Application Kills White Grubs
- For Use With Lawn or Hand-held Spreaders
- Convenient, Ready to Use Shaker Bottle
- Kills Ants Outdoors in Lawns and Around Homes
- Effective as a Spot Treatment for Ant Mounds
- Kills Fire Ants -Results in 3 Days
- Easy-To-Use Granules

<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 fly Larvae Fire Ants Fleas Grasshoppers Leafhoppers Mealybugs	Millipedes Mole Crickets Mosquitoes Pillbugs Scorpions Sod webworms (lawn moths) Sowbugs Spiders Termites† Iuding deer ticks) White Grubs (including larvae of Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafers, Japanese Beetle, May or June Beetle, and Oriental Beetle)
	†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."	
<b>COVERAGE</b>	Covers up to 10,000 sq ft (10 pound size). For Ants, fleas, and ticks. Covers up to 5,000 sq. ft. for all other listed pests (10 pound size).	
<b>WHERE TO USE</b>	Lawns, Ground Covers, Flower Beds, Around Trees & Shrubs, and Around Homes	
<b>WHEN TO USE</b>	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.	
<b>HOW MUCH TO USE</b>	See directions	
 	For questions or comments, call toll-free 1-877 BayerAG (1-877-229-3724) or visit our website at <a href="http://www.bayeradvanced.com">www.bayeradvanced.com</a>	



**ACTIVE INGREDIENTS:**

Imidacloprid.....	0.15%
Beta-Cyfluthrin.....	0.05%
<b>OTHER INGREDIENTS.....</b>	<b>99.80%</b>
<b>TOTAL.....</b>	<b>100.00%</b>

Treats Up to 10,000 sq ft (10 pound size)

**DIRECTIONS FOR USE**

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

**BEFORE YOU USE**

**FOR OUTDOOR RESIDENTIAL  
USE ONLY**

Read and follow these directions when using:

**Restrictions**

- Do not apply near fish pools, ponds, streams or lakes.
- Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with this insecticide.
- Keep people and pets away from treated area until it has been watered and allowed to dry.
- Do not use in vegetable gardens.
- Do not allow people or pets to reenter until sprays have dried.

**HOME PERIMETER TREATMENT**

**HOW TO USE**

**PESTS**

Ants  
Centipedes  
Cockroaches

Crickets  
Digger wasps  
Earwigs  
Millipedes

Pillbugs  
Scorpions  
Sowbugs  
Spiders

Termites†

†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."

**HOW MUCH TO APPLY**

1/6 to 1/2 cup per 45 to 50 ft (2 to 3 ft band)

[1 to 3 lbs per 1000 sq ft] - ants , Apply 2-3 lbs per 1,000 sq ft - all other listed pests

Covers up to 10,000 sq ft (a band 2 feet wide and 5,000 feet long.) (10 pound size)

If pest pressure is higher, apply at the rate of 3 lbs per 1,000 sq ft.

**HOW TO APPLY**

Around the Exterior Perimeter of the House

To keep these pests away from your home, apply granules in a band 2 to 3 feet wide around and up to the structure.

Water in thoroughly after applying.

To prevent pest damage, apply this product early--when pests are still young and easier to kill.

**TIP:** A hand-held spreader makes this easy.



PEST	
Ants	Digger wasps (Cicada killer)
HOW MUCH TO APPLY	
1 to 2 tsp. per mound or wasp burrow	
HOW TO APPLY	
<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.	
Water in thoroughly after applying.	

DIRECTIONS FOR USE continued

## HOW TO USE

PESTS

### Annual Bluegrass

weevil

(hyperodes weevil)

Ants

## Armyworms

## Billbugs

### Black Turfgrass Ataenius

## Chiggers

### Chinch Bugs

## Cutworms

### European crane fly Larvae

## Fleas

## Grasshoppers

## Leafhoppers

## Mealybugs

## Mole Crickets

## Mosquitoes

### Sod Webworms (lawn moths)

Ticks (including deer ticks)

White Grubs (including larvae of

Asiatic Garden Beetle, Black

Turfgrass Ataenius, Chafers,

Japanese Beetle, May or June  
B. (the ... Oriental Beetle)

Beetle, and Oriental Beetle)

## HOW MUCH TO APPLY

Apply 1 to 3 lbs per 1000 sq ft - ants, fleas, and ticks , Apply 2-3 lbs per 1,000 sq ft – all other listed pests.

(This bag covers up to 10,000 sq ft) (10 pound size)

Adjust your spreader to the proper setting. See the following table.

This bag covers 10,000 sq ft (10 pound size) which is the same as a lawn 100 feet wide and 100 feet long.

If pest pressure is higher, apply at the rate of 3 lbs per 1,000 sq ft.

For control of European crane fly larvae apply 3 lbs per 1,000 sq ft.

## HOW TO APPLY

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.

Water thoroughly within a day after applying.

To prevent pest damage, apply this product early--when pests are still young and easier to kill.

**TIP:** 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.

PEST

## Fire Ants

## HOW MUCH TO APPLY

$\frac{1}{4}$  cup per mound



	<b>HOW TO APPLY</b> <u>Fire Ant Mounds</u> Sprinkle evenly over mound. Treat new mounds as they appear. Water in thoroughly after applying.
<b>APPLICATION RESTRICTIONS</b>	Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not water to the point of run-off. Do not make applications during rain. Do not mow until the granules are thoroughly watered in. Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

### SPREADER SETTINGS


If your spreader is not listed, please call our Consumer Service Hotline toll-free 1-877-BayerAG (1-877-229-3724) for help. **Rate: 2 to 3 lbs per 1,000 sq ft**

SPREADER SETTINGS				
Broadcast Spreaders Model	1 lb. Rate Setting*	2 lb. Rate Setting*	3 lb. Rate Setting*	Distance Between Passes (Ft.)
SCOTTS BASIC	3	4.25	5.25	9
SCOTTS STANDARD	3	4	4.5	10
SCOTTS DELUXE EDGE GUARD	3	3.75	4.5	8
VIGORO 10000	5	6.5	7	12
VIGORO 15000	2	3	5	10
Drop Spreaders Model	1 lb. Rate Setting*	2 lb. Rate Setting*	3 lb. Rate Setting*	Distance Between Passes (Ft.)
SCOTTS ACCUGREEN 1000	2	3.25	4.25	N/A
SCOTTS ACCUGREEN 2000	2	3.25	4	N/A
SCOTTS ACCUGREEN 3000	2	3.25	4.5	N/A

\*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.

IMPORTANT: Directions for Storage and Disposal	
Pesticide Storage:	Store in original container in a cool, dry place, out of the reach of children, preferably in a locked storage cabinet.
Pesticide Disposal: 	<b>If empty:</b> Non-refillable container. Do not refill or reuse this container. Place in trash or offer for recycling if available. <b>If partly filled:</b> Call your local solid waste agency or 1-877-229-3724 for disposal instructions. Never place unused product down any outdoor or indoor drain.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS	
<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>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 a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If Inhaled:</b>	<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 by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice</li> </ul>
<b>If on Skin or Clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 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>
<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>	

<b>ENVIRONMENTAL HAZARDS</b>
<ul style="list-style-type: none"> <li>• This pesticide is toxic to fish.</li> <li>• 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.</li> <li>• Apply this product only as specified on this label.</li> </ul>

<b>NOTICE</b>
Research and testing have determined that the "Directions for Use" are appropriate for the proper use of this product 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.

Produced for



A Business Unit of Bayer CropScience LP

P.O. Box 12014, 2 T.W. Alexander Drive

Research Triangle Park, North Carolina 27709

0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular Insecticide (PENDING) 02/14/12