

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

July 28, 2014

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

Subject: Label Amendment – Minor revisions to the directions for use; addition of new alternate brand names; addition of new marketing claims  
Product Name: 0.15% Imidacloprid + 0.05% Beta-Cyfluthrin Granular Insecticide  
EPA Registration Number: 72155-31  
Application dated March 27, 2014; resubmission dated July 25, 2014  
Decision Number: 489468

Dear Ms. Bloomberg:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label ([www.bayeradvanced.com](http://www.bayeradvanced.com)), then please be aware that 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 will be referred to the EPA's Office of Enforcement and Compliance.

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 via email at [chao.julie@epa.gov](mailto:chao.julie@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Venus Eagle", followed by a small mark that looks like "for".

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

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

(ABN) Bayer Advanced Complete Brand Ant Killer Plus† (†also for Fleas and Ticks) Ready-to-Spread Granules; Bayer Advanced Complete Brand Insect Killer for Soil & Turf Ready-to-Spread Granules

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

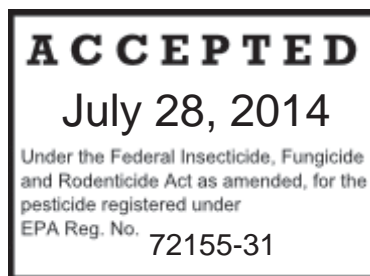
1. READY TO USE
2. KILLS LISTED INSECTS
3. KILLS ANTS
4. KILLS GRUBS
5. [insert trademark]™ formula
6. [insert trademark]™ technology
7. Controls listed pests above ground or below ground (from the grass to the roots/top to bottom)
8. Systemic Action (systemic protection) for protection
9. Long-Lasting – up to 90-Day Subsurface Insect Protection
10. Up to 90 Day grub Protection
11. 3-Month Soil Insect Protection
12. Long-Lasting Protection up to 3 months [90 days]
13. Effective Home Perimeter Treatment
14. Kills Listed Nuisance Pests Outdoors
15. Kills Listed Above Ground Outdoor Pests
16. Kills Listed Below Ground Outdoor Pests Like White Grubs
17. Kills Ants
18. Protects your lawn from top to bottom
19. 2-Way Dual Action†† – Kills Listed Soil and Surface Insects
20. Works 2 ways to control insects††
21. Combo Product††
22. Insect Control – Listed Surface and Soil Insects
23. Kills Listed Bugs (Like Scorpions, Mole Crickets, and Ants)
24. Stops and Prevents Insect Damage
25. One Step (Lawn) Insect Protection
26. Kills Listed Insects Above and Below Ground
27. Guaranteed Results\*\*
28. Kills Over 30 Outdoor\* Pests in Lawns & Around Home
29. Kills Listed Lawn Pests

30. Kills White Grubs and Mole Crickets
31. One Application Kills White Grubs
32. Kills White Grubs Early
33. One Application Stops/Kills Grubs
34. Contains Merit® and Tempo Ultra®
35. Sprinkle On Ant Mound and Walk Away
36. Also stops spiders, ticks, fleas, cockroaches and other listed pests
37. 100% Satisfaction Guaranteed\*\*
38. Highly Effective Systemic Protection
39. Kills Listed surface insects [pests] in 24 hours (excluding Ants) (at 2 lb/1,000 sq. ft. rate)
40. Kills listed soil insects for up to 3 months
41. 20% more vs. 10 lb size (12 lbs)
42. Treats up to 10,000 sq. ft. (10 pound size)
43. For Ants, Fleas, and Ticks
44. For Ants, Fleas and Ticks - Covers up to 10,000 sq. ft. (10 pound size)
45. Covers 5,000 sq. ft. (all pests) (10 pound size)
46. Kills listed surface insects [pests] [in lawn, landscape, and around home]
47. 2-Way Formula††
48. Treats up to 1500 sq ft\*...†for ants, fleas & ticks (1.5 lb size)
49. Kills Fleas and Ticks in 24 hours
50. Kills Ants in 72 hours
51. Kills Ants Plus Fleas, Ticks & other Pests\*

††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]



---

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

---

**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!**

<b>QUICK FACTS</b> <ul style="list-style-type: none"> <li>• Kills listed Bugs (Insects) Above &amp; Below Ground</li> <li>• Controls existing populations plus keeps on preventing new soil infestations for up to 90 days</li> <li>• Kills Listed Pests Outdoors in Lawns, Ground Covers, Flower Beds, Around Trees &amp; Shrubs, and Around Homes</li> <li>• Kills White Grubs Early</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 Ants -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 fly Larvae 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, 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 must not be considered a substitute for soil treatment of subterranean termites done by a professional pest control operator.  ††This product will kill ticks present on treated surfaces. It may be necessary to use another registered product [such as Complete Insect Killer for Soil and Turf RTS or Concentrate] to treat trees and shrubs where ticks may also reside.
<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 [www.bayeradvanced.com](http://www.bayeradvanced.com)

EPA Reg. No. 72155-31

EPA Est. No. XXXX-AA-XX

**ACTIVE INGREDIENTS:**

Imidacloprid.....0.15%

Beta-Cyfluthrin.....0.05%

**OTHER INGREDIENTS:**.....99.80%

**TOTAL:**.....100.00%

**FIRST AID**

**If swallowed:**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**If Inhaled:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice

**If on skin:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**If in eyes:**

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**NOTE:** 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].

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

- Harmful if swallowed, inhaled or absorbed through skin.
- Causes moderate eye irritation.
- Avoid contact with skin, eyes, or clothing.
- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.
- Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

- This pesticide is toxic to fish.
- 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.

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	Restrictions		
	<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 people and pets away from treated area until it has been watered and allowed to dry.</li><li>Do not use in vegetable gardens.</li><li>Do not apply this product, by any application method, to linden, basswood, or other Tilia species.</li><li>Do not apply more than 0.4 lbs of Imidacloprid per acre per year. This bag [bottle] contains [x] lbs of Imidacloprid.</li></ul>		
HOME PERIMETER TREATMENT			
HOW TO USE	PESTS	Crickets	Pillbugs
	Ants	Digger wasps	Scorpions
	Centipedes	Earwigs	Sowbugs
	Cockroaches	Fleas	Spiders
		Millipedes	Termites†
			Ticks†† (including deer ticks)
			†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 must not be considered a substitute for soil treatment of subterranean termites done by a professional pest control operator.
			††This product will kill ticks present on treated surfaces. It may be necessary to use another registered product [such as Complete Insect Killer for Soil and Turf RTS or Concentrate] to treat trees and shrubs where ticks may also reside.
	HOW MUCH TO APPLY		
	1/6 to 1/2 cup per 45 to 50 ft (2 to 3 ft band)		
	Apply 1 to 3 lbs per 1,000 sq ft – ants, fleas, and ticks		
	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.		

<p>HOW TO APPLY</p> <p><u>Around the Exterior Perimeter of the House</u></p> <p>To keep these pests away from your home, apply granules in a band 2 to 3 feet wide around and up to the structure.</p> <p>Water in thoroughly after applying.</p> <p>To prevent pest damage, apply this product early--when pests are still young and easier to kill.</p> <p>[<b>TIP:</b> A hand-held spreader makes this easy.]</p> <p>SHAKER BAG [BOTTLE]</p> <p>Starting from the outer wall of the house, evenly sprinkle a barrier 3-5 ft wide on the ground around the outside perimeter of the house.[This will cover a 5 ft by 200 ft perimeter house or a 3 ft x 333 ft perimeter house.]</p>	
<p><b>MOUND TREATMENT</b></p>	
<p><b>HOW TO USE</b></p>	<p>PESTS</p> <p>Ants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          </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>To prevent pest damage, apply this product early--when pests are still young and easier to kill.</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> <p>Water in thoroughly after applying.</p>
<b>APPLICATION RESTRICTIONS</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Do not make applications during rain.</li> <li>• Do not mow until the granules are thoroughly watered in.</li> <li>• 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.</li> </ul>

#### 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: 1 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
<p>*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.</p> <p><b>TIP:</b> 1000 sq ft = 20 ft x 50 ft</p> <p>Do not use a spreader that applies granules in narrow, concentrated, or uneven bands. Be sure the spreader works properly and spreads granules evenly.</p>				

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: 	<p><b>If empty:</b> Non-refillable container. Do not refill or reuse this container. Place in trash or offer for recycling if available.</p> <p><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.</p>

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 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.

**Net Contents:** 1 lbs, 1.5 lbs 10 lbs, 12 lbs, 20 lbs, 30 lbs.

**Produced for**



A Division 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) 03/18/2014, 05/07/2014, 07/08/2014, 07/22/2014, 07/24/2014