



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

FEB 8 2007

Mr. Charles Boyd  
Bayer Advanced  
2 T.W. Alexander Drive  
Research Triangle Park, NC 27709

Subject: Label Amendment --Extend Efficacy Claims to 12 Months and Additional Marketing Claims

EPA Registration No. 72155-27  
Beta-Cyfluthrin 0.05% Ant & Roach Killer Pump Spray  
Your submission dated September 19, 2006

Dear Mr. Boyd;

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

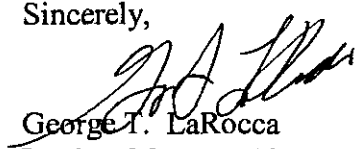
1. The data fail to support an increase in the residual activity claim from 9 to 12 months for listed pests except German cockroaches, black carpenter ants, and house crickets on non-porous surfaces. Therefore revise or delete throughout the label the following new marketing claims as indicated:
  - a. Just one application quickly kills insects – Continues killing *German cockroaches, black carpenter ants and house crickets* up to 12 months (1 year) indoors on non porous surfaces.
  - b. Indoor protection for up to 12 months (1 year) for *German cockroaches, black carpenter ants and house crickets on non porous surfaces*. Guaranteed.
  - c. Up to 12 months (1 year) Indoor Protection for *German cockroaches, black carpenter ants and house crickets on non porous surfaces*.
  - d. Home barrier protection from *listed insects*.
  - e. ~~Yearlong indoor protection [Remove]~~

2 8 7

Please refer to the enclosed Efficacy Review memorandum for details concerning the submitted data and recommendations for future efficacy data submissions.

If you have any questions regarding this action, please contact Olga Odiott of my team at (703) 308-9369.

Sincerely,



George T. LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division (7505P)

Enclosures

3 8 7

(FRONT PANEL)

# Beta-cyfluthrin 0.05%

## Ant & Roach Killer Pump Spray

- Ready-to-Use
- Kills fast, lasts long.
- Kills most common household insect pests.
- For Indoor and Outdoor Use
- Kills invading insects around basements, foundations and baseboards.
- Kills the insects you see, kills the ones you don't see.
- Kills hidden bugs.
- Kills ants and roaches in seconds.
- Also kills with residual action.
- Just one application quickly kills insects - - Continues killing up to 12 months (1 year) indoors
- Fast Acting - - Long Lasting
- Double Protection - - Use Inside and Outside
- Use as outdoor barrier treatment - - keeps insects from entering your home.
- Kills a Wide Range of Crawling, Flying and Wood-Infesting Pests
- Indoor protection for up to 12 months (1 year). Guaranteed
- Up to 12 months (1 year) Indoor Protection
- Water-based formula
- Non-Staining
- Guaranteed Satisfaction
- Kills most common pests, including ants and cockroaches
- Contains Tempo Ultra®
- 100% Satisfaction Guaranteed.
- Controls Carpenter bees, scorpions, and even wasps.
- Creates a bug barrier around treated area
- Home barrier protection
- Yearlong indoor protection

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated**  
**FEB 8 2007**  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under EPA Reg. No.  
72155-27

**ACTIVE INGREDIENT:**

Beta-cyfluthrin. .... 0.05 %

**OTHER INGREDIENTS:** ..... 99.95 %

Net Contents: 24 fl oz (709 mL) or 1 gallon (3.78 L)

**KEEP OUT OF REACH OF CHILDREN**

**FOR INDOOR/OUTDOOR RESIDENTIAL USE ONLY**

**CAUTION**


See back panel/booklet for additional ingredients and precautionary statements

4 7 7

(BACK PANEL)

This product provides up to 12 months (1 year) of insect protection with a single application. Keeping nuisance pests out of your home has never been easier.

READ THE LABEL FIRST!

<b>QUICK FACTS</b>	
<ul style="list-style-type: none"> <li>• Kills Ants and Roaches in Seconds</li> <li>• Continues Killing Up To 12 months (1 year) Indoors</li> <li>• Keeps Insects Out of Your Home</li> <li>• Non-staining</li> </ul>	
<b>KILLS</b>	Ants, Cockroaches, Fleas, Spiders and other listed pests.
<b>WHERE TO USE</b>	Indoor as spot or crack and crevice spray. Outdoor as perimeter treatment.
	For questions or comments, call toll-free 1-877 BayerAG (1-877-229-3724) or visit us on-line at <a href="http://www.BayerAdvanced.com">www.BayerAdvanced.com</a>

**ACTIVE INGREDIENT:**

Beta-cyfluthrin ..... 0.05 %

**OTHER INGREDIENTS** ..... 99.95 %

100.0 %

EPA Reg. No. 72155-27

EPA Est. No. XXXX-AA-1

**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.	<ul style="list-style-type: none"> <li>• Do not spray into fish pools, ponds, streams, or lakes.</li> <li>• Indoors, do not use as a space spray (do not spray into the air)</li> <li>• Remove animal feeding dishes before spraying.</li> <li>• Keep children and pets away from treated areas until spray has dried.</li> <li>• Do not use on surfaces where food is prepared or where food is exposed.</li> <li>• Before spraying indoors, remove birds from area and tightly cover or remove fish bowls and aquariums.</li> </ul>
<b>HOW TO USE</b> Shake Well Before Use	<b>Indoor Use</b> <ul style="list-style-type: none"> <li>• Hold container upright while spraying. Direct nozzle about 12 inches from surface to be treated.</li> <li>• Spray around baseboards, into cracks and crevices and other places where insects live and hide (under sinks, cabinets, refrigerators, damp areas, etc.) until surfaces are wet. Avoid excessive wetting of linoleum, asphalt tiles or plastic.</li> <li>• For long lasting residual action leave spray undisturbed. The product will keep on killing for up to 12 months (1 year).</li> <li>• For hidden areas try Bayer Advanced Roach Pen</li> </ul>
	<b>Outdoor Use</b> <ul style="list-style-type: none"> <li>• Apply to exterior surfaces of the home.</li> <li>• Spray a band 3 to 4 feet wide around and alongside the foundation and porches of the house.</li> <li>• Treat soil, turf or walkways adjacent to foundation and porches. Also treat 1 to 2 feet up along the side of the dwelling.</li> <li>• For more serious problems, a wider band of treatment, up to 10 feet, may be necessary.</li> <li>• Spray with the wind to avoid drifting of the spray onto skin or clothing.</li> <li>• Treat where dissimilar building materials meet, such as where brick meets wood trim or where siding meets window edges or where cracks are visible or around and into any openings where utilities enter the home. Spray around doors and window frames.</li> </ul>

<b>HOW TO USE</b> Shake Well Before Use	<ul style="list-style-type: none"> <li>• Treat outside surfaces of garages, carports, patios, driveways and sidewalks if insects are present.</li> <li>• Treat other problem areas such as around wood piles, storage sheds and other areas of insect infestation as needed. Spray on ant trails and ant hills.</li> <li>• For wasps, hornets, yellow jackets: Application to nests should be made late in evening when insects are at rest.</li> <li>• To aid in control of <b>fire ants</b> in lawns and other outdoor home recreation areas, thoroughly drench the entire mound area. Spray provides contact activity and residual in the active mound. Use a coarse spray and apply gently to avoid disturbing ants. Note: For best results apply in cool weather 65 to 80<sup>o</sup> F, or in early morning or late evening hours. Treat new mounds as they appear.</li> </ul>
	<b>Wood Infesting Pests</b> <ul style="list-style-type: none"> <li>• For control of <b>termites and wood-infesting beetles</b> found above ground, apply to voids and holes in damaged wood, and in spaces between wooden structures and between the sill plate and foundation where wood is exposed.</li> <li>• Apply spray to exposed worker and winged reproductive forms of termites. This type of application is intended to be a supplemental treatment for control of drywood and above-ground subterranean termites and other wood-infesting insects. It is not intended as a substitute for soil treatments for termite control.</li> <li>• For control of <b>swarming or reproductive stages of termites</b>, apply a coarse spray to the swarm or area on which they collect.</li> <li>• For control of <b>carpenter ants</b> around houses and other structures, apply around doors and windows and other places where carpenter ants may enter the premises. Spray into cracks and crevices or voids where these ants or their nests are present. Use a sufficient amount of coarse spray to cover the area.</li> <li>• For control of <b>carpenter bees in structures</b>, spray the liquid directly into bee entrance holes. Leave the entrance holes open for 24 hours to be certain that returning adult bees are killed. When there is no activity, the hole may be sealed with a suitable sealant.</li> </ul>

<b>PESTS CONTROLLED [KILLS]</b>	<b>INDOOR PESTS</b>			
	<b>1. CRAWLING PESTS</b>			
	Ants	Centipedes	Firebrats	Silverfish
	Bedbugs	Cockroaches	Millipedes	Sowbugs
	Carpet Beetles	Crickets	Pillbugs	Spiders
		Earwigs		
	<b>2. FLYING PESTS</b>			
Clothes moths	Gnats	Mosquitoes	Wasps	
Flies	Midges	Moths	Yellow Jackets	
<b>3. PANTRY &amp; STORED PRODUCT PESTS</b>				
<b>BETLES:</b> (exposed adults & immature stages)				
Cadelle	Dermeistid	Leather	Mealworm	
Cigarette	Drug-store	Lesser Grain Borer	Red Flour	
Confused Flour	Granary Weevil	Lesser Mealworm	Rice Weevil	
	Hide	Merchant Grain	Sawtoothed Grain	
	Larder		Warehouse	
<b>MOTHS:</b>				
Indian Meal	Mediterranean Flour			

<b>PESTS CONTROLLED [KILLS]</b>	<b>OUTDOOR/PERIMETER PESTS</b>			
	Ants Bees Boxelder Bugs Carpenter Ants Cecidflies Centipedes Clusterflies Cockroaches	Crickets Earwigs Elm leaf Beetle Fire Ants Firebrats Flies Fleas	Gnats Ground Beetles Hornets Imported Fire Ants Midges Millipedes Mosquitoes	Moths Scorpions Silverfish Spiders Ticks (including Deer Ticks) Wasps Yellow Jackets
	<b>WOOD INFESTING PESTS</b>			
	Carpenter Ants Carpenter Bees <b>BETTERLES:</b> Ambrosia Deathwatch <b>TERMITES:</b> Subterranean	False Powderpost Old House Borer Formosan	Powderpost Drywood	



Re-enter when spray is dry.

<b>+</b> <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 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>
<b>Inhalation</b>	<ul style="list-style-type: none"> <li>• If breathing is affected, move person to fresh air.</li> <li>• If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Contact doctor or poison control center for further 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 TollFree 1-877-229-3763 for medical emergency information. Active Ingredient: Beta-cyfluthrin 0.05% [CAS #68359-37-5].</p>	

### Environmental Hazards


- This pesticide is highly toxic to aquatic invertebrates and fish. Do not apply directly to water.
- Do not contaminate water when disposing of equipment washwaters or rinsate.
- This product is not intended for application to plants or lawns.
- Apply this product only as specified on this label.

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**

**CAUTION:**

- Harmful if swallowed or inhaled.
- Causes eye irritation.
- Avoid contact with skin, eyes, or clothing.
- Wash thoroughly with soap and water after handling.
- Avoid breathing vapors or spray mist.
- Remove contaminated clothing and wash clothing before reuse.

**IMPORTANT: Directions for Storage and Disposal**

Storage Conditions:	Store in an area out of reach of children, preferably a locked storage cabinet. Protect from freezing.
Disposal: 	<p><b>If empty:</b></p> <ul style="list-style-type: none"> <li>• Do not reuse this container.</li> <li>• Place in trash or offer for recycling if available.</li> </ul> <p><b>If partly filled:</b></p> <ul style="list-style-type: none"> <li>• Call your local solid waste agency or toll free 1-877-229-3724 for disposal instructions.</li> <li>• Never place unused product down any indoor or outdoor drain.</li> </ul>

**NOTICE**

Research and testing have determined that the "Directions for Use" are appropriate for the proper use of Beta-cyfluthrin 0.05% Ant & Roach Killer Pump Spray 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.

***Bayer Advanced***

**A Business Unit of Bayer CropScience LP**  
**P.O. Box 12014, 2 T.W. Alexander Drive**  
**Research Triangle Park, North Carolina 27709**

Beta-Cyfluthrin 0.05% Ant & Roach Killer Pump Spray (PENDING) 09/19/06