



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Jan Brill
Product Registrations
Bayer Cropscience
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

JUL 25 2008

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request General Label Change
EPA Reg. No.432-1363
Application Dated June 25, 2008

Dear Mr. Brill:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 06/25/08 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060

 EPA United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other:	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 432-1363	2. EPA Product Manager George LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Tempo SC Ultra Insecticide	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Bayer Environmental Science 2 T.W. Alexander Dr. Raleigh, NC 27709 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: <div style="text-align: center;">NOTIFICATION</div> EPA Reg. No. _____ <div style="text-align: center;">JUL 25 2008</div> Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

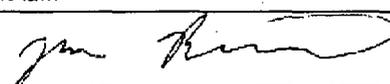
Notification of Changes in Packaging and Related Labeling Statements per PR Notice 98-10

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package wgt. No. per container	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)		
* Certification must be submitted					
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Jan Brill	Title Manager, Registrations	Telephone No. (Include Area Code) 919/549-2421
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received <div style="text-align: center;">(Stamped)</div>
2. Signature 	3. Title Manager, Registrations	
4. Typed Name Jan Brill	5. Date 25 June 2008	

Bayer Environmental Science



Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

ATTN: George LaRocca, PM 13

Subject: Tempo SC Ultra Insecticide, EPA Reg. No. 432-1363
Notification of Minor Label Change – Changes in Packaging and Related
Labeling Statements per PR Notice 98-10

Dear Mr. LaRocca,

With this submission, Bayer Environmental Science notifies EPA of Changes in Packaging and Related Labeling Statements per PR Notice 98-10 to add coverage information specific to the 900 ml package size to the subject product labeling (see page 2 of the respective application forms for details).

25 June 2008

Bayer Environmental
Science
P.O. Box 12014
2 T.W. Alexander Drive
Research Triangle Park,
NC 27709

To effect this action, enclosed please find the following;

1. EPA Form 8570-1, with explanation page
2. 1 copy of final printed labeling for the subject product
3. 1 copy of final printed labeling with changes highlighted

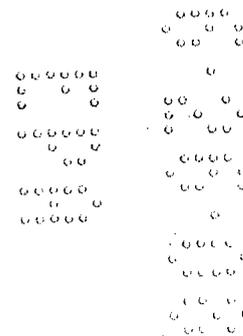
Tel. 919 549-2421
Fax. 919-549-3937

I trust that this completes the documentation for this registration action. If you have any questions, or require further information, please contact me either by telephone at 919/549-2421 or email at jan.brill@bayercropscience.com

Sincerely,

Manager, Registration

Email: jan.brill@bayercropscience.com



Tempo SC Ultra Insecticide

EPA Reg. No. 432-1363

25 June 25, 2008

Section II Explanation – Continued

Notification of change in packaging label statements – we are adding a coverage statement which relates to the 900 ml package size (previously only had a coverage statement for the 240 ml pack size. This should be acceptable by notification because;

1. The dosage, concentration, frequency or method of application do not change
2. Exposure is not increased – change is proportional to statement on smaller container already approved
3. The product is not subject to CRP
4. The product is not a rodenticide
5. No WPS statements on labeling
6. Package size is not being changed – just adding relevant wording.
7. No limitations on product, and size not being changed – only wording
8. Not a station



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Tempo[®] SC Ultra Insecticide

SHAKE WELL BEFORE USING

For Pest Management Professionals and Commercial Use Only.

ACTIVE INGREDIENT:

β-Cyfluthrin, Cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate 11.8%

OTHER INGREDIENTS: 88.2%

100.0%

Contains 1 lb cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate per gallon.

SHAKE WELL BEFORE USING

EPA Reg. No. 432-1363

EPA Est. No. _____

STOP - Read The Label Before Use.

Keep out of reach of children.

CAUTION

FIRST AID

If on skin:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
If in eyes:	<ul style="list-style-type: none"> 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.
If swallowed:	<ul style="list-style-type: none"> 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 to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577.	
Note To Physician: No specific antidote is available. Treat the patient symptomatically.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors where such containers are present. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters. Apply this product only as specified on this label.

This pesticide is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply TEMPO SC ULTRA Insecticide or allow it to drift onto crops or weeds on which bees are actively foraging. Additional information may be obtained by consulting your Cooperative Extension Service.

NOTIFICATION

JUL 25 2008

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PRO FACTS

<ul style="list-style-type: none"> • Quick Knockdown & Residual Control • Low Odor • Non-staining • No phytotoxicity on a wide range of ornamentals 	
TEMPO SC ULTRA	• Suspension concentrate containing 1 lb β - cyfluthrin per gallon
CONTROLS	<ul style="list-style-type: none"> • Indoor Pests <ul style="list-style-type: none"> - General Household Pests - Pantry and Stored Product Pests - Food Processing Pests • Outdoor/ Perimeter Pests • Wood-Infesting Pests • Turf and Ornamental Pests <p><i>For list of specific insects, see inside.</i></p>
WHERE TO APPLY	<p>Apply where pests have been seen or found, or can find shelter.</p> <ul style="list-style-type: none"> • In and around buildings and structures • On residential, commercial and recreational areas of turf • On ornamentals in landscapes and interior plantscapes
COVERAGE	<ul style="list-style-type: none"> • Makes up to 30 gals of finished spray solution for indoors. (240 ml size) • Treats up to 30,000 sq. ft. outdoors. (240 ml size) • Makes up to 112.5 gals of finished spray solution for indoors. (900 ml size) • Treats up to 112,500 sq. ft. outdoors. (900 ml size)
MIXING INFORMATION	<ul style="list-style-type: none"> • Mix the appropriate amount of Tempo SC Ultra with water. • May tank mix with other pesticides currently registered for similar uses, unless specifically prohibited.
HOW TO APPLY	<ul style="list-style-type: none"> • General surface spot, mist, or crack & crevice application. • Broadcast application to turf and foliar application to ornamentals.
RE-APPLY	<ul style="list-style-type: none"> • Every 7 to 10 days, if needed. • For turf, re-apply if needed, but not more than 6 times per year.
RE-ENTRY 	<ul style="list-style-type: none"> • Avoid contact with treated surfaces until dry. • People and pets may re-enter after the treated area is dry.
QUESTIONS 	For questions or comments, call toll-free 1-800-842-8020

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Do not formulate this product into other end-use products.



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STRUCTURAL PESTS

FOR RESIDUAL PEST CONTROL IN AND AROUND BUILDINGS, STRUCTURES, FOOD/FEED HANDLING ESTABLISHMENTS AND MODES OF TRANSPORT

Use Tempo SC Ultra as a general surface, spot, mist, or crack and crevice treatment in and around buildings and structures. This includes schools, factories, stores, warehouses, hospitals, food processing facilities, and modes of transport. For a list of common facilities where this product may be used, see Appendix.

INDOOR PESTS

General Household Pests		Pantry & Stored Product Pests		Food Processing Pests	
<p><u>Crawling Pests</u></p> <p>Ants (except Pharaoh)</p> <p>Bedbugs</p> <p>Carpet beetles</p> <p>Centipedes</p> <p>Clothes moths</p> <p>Cluster flies</p> <p>Cockroaches</p> <p>Crickets</p> <p>Darkling beetles</p> <p>Earwigs</p> <p>Firebrats</p> <p>Millipedes</p>	<p>Pillbugs</p> <p>Silverfish</p> <p>Sowbugs</p> <p>Spiders</p> <p><u>Flying Pests</u></p> <p>Flies</p> <p>Gnats</p> <p>Hornets</p> <p>Midges</p> <p>Moths</p> <p>Wasps</p> <p>Yellow jackets</p>	<p><u>Beetles</u></p> <p>(exposed adults & immature stages)</p> <p>Cadelle</p> <p>Cigarette</p> <p>Confused flour</p> <p>Dermestid</p> <p>Drugstore</p> <p>Granary weevil</p> <p>Hide</p> <p>Larder</p> <p>Leather</p> <p>Lesser grain borer</p>	<p>Lesser mealworm</p> <p>Merchant grain</p> <p>Mealworm</p> <p>Red flour</p> <p>Rice weevil</p> <p>Sawtoothed grain</p> <p>Warehouse</p> <p><u>Moths</u></p> <p>Indian meal</p> <p>Mediterranean flour</p>	<p>Fruit flies</p> <p>Phorid flies</p> <p>Sciarid flies</p>	<p>Also includes:</p> <p>General Household Pests</p> <p>Pantry & Stored Product Pests</p>

WHERE TO APPLY Apply where pests have been seen or found, or can find shelter. Use a general surface, spot, mist, or crack and crevice application.

USE RATE

- 0.025% -- 8 ml (0.27 fl oz) per gal water
- 0.05% -- 16 ml (0.54 fl oz) per gal water
- Use high rate for severe infestations, faster knockdown, and longer residual.
- Always use the high rate for bees, wasps, yellow jackets and hornets.

HOW TO APPLY

(Also see APPLICATION FOR INDOOR PESTS)

- Remove or tightly cover fish tanks and disconnect aerators during application.
- Remove pets during application and until treated surfaces are completely dry.
- Avoid contact with treated surfaces until dry.
- Wear safety glasses, goggles, or face shield and a dust/mist respirator when treating overhead areas.

General Surface Applications

- Use a low-pressure system (do not exceed 50 psi at nozzle tip), with a fan-type nozzle to apply the dilution uniformly.
- In the home, all food processing surfaces and utensils should be covered or thoroughly washed following treatment. Cover exposed food or remove from area being treated.

Spot, Mist, or Crack and Crevice Applications

- Apply directly into voids, cracks and crevices using spray or foam equipment.
- Spray: Use a low-pressure system (do not exceed 50 psi at nozzle tip), with a pinpoint or variable pattern nozzle or applicator equipment that delivers low volume treatments, such as the Micro-Injector® or Actisol®.
- Foam: Use appropriate foam generating equipment to supply a sufficient volume of foam. Mix the dilution with manufacturer's recommended volume of foaming agent.

WHEN TO APPLY

- When pests are seen or found
- Re-apply every 7 to 10-days if needed.

MIXING INFORMATION

- Add product when filling spray tank with water; shake or agitate mixture.
- Diluted spray mixture can be stored overnight. Agitate before using.
- Can be tank mixed with other pesticides currently registered for similar uses. To be sure of physical compatibility, first prepare a sample in a small jar using the proper proportions of water and products.
- Follow the most restrictive of labeling directions and precautions. Do not exceed label rates.

RESTRICTIONS

- Do not treat entire area of floor or floor coverings.
- Do not apply where electrical short circuits can occur. Use a dust or dry bait in these areas.
- Do not apply in occupied hospital and/or nursing home rooms. Occupants may return when surfaces have dried.
- Do not apply in occupied classrooms.
- Do not apply to furniture or upholstery where prolonged contact by humans will occur.
- Do not apply as a space spray.

ADDITIONAL DIRECTIONS FOR FOOD AND FEED HANDLING ESTABLISHMENTS	
WHERE TO APPLY	<p>Applications may be made to both food/feed and non-food areas of food and feed handling establishments.</p> <p>Food/Feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared, or served. Includes areas for:</p> <ul style="list-style-type: none"> receiving, storing and packing (canning, bottling, wrapping, boxing) food preparing food edible waste storage enclosed processing systems (mills, dairies, edible oils, syrups) of food. <p>Serving areas where food is exposed and the facility is in operation are also considered food areas.</p>
USE RATE	<ul style="list-style-type: none"> Apply as a general surface spot, mist, or crack & crevice application. 0.025% -- 8 ml (0.27 fl oz) per gal water 0.05% -- 16 ml (0.54 fl oz) per gal water Use high rate for severe infestations, faster knockdown, and longer residual.
HOW TO APPLY (Also see INDOOR PESTS)	<p><u>General Surface Applications</u></p> <p>Cover or remove all food processing and handling equipment before treatment.</p> <p>After applying where food is commercially prepared or processed, wash all handling and processing equipment, benches, shelving, and other surfaces which food will contact. Rinse thoroughly with clean, fresh water.</p> <p>Do not apply to surfaces in food-handling areas when facility is in use or when foods are exposed.</p> <p>Do not apply directly to food.</p> <p><u>Spot or Crack & Crevice Applications</u></p> <p>Spot or crack and crevice application is permitted while facility is in use.</p> <p>Cover or remove food from area being treated.</p> <p>Do not apply directly to food or food handling surfaces.</p>

APPLICATION FOR INDOOR PESTS	
GENERAL HOUSEHOLD PESTS Cockroaches, Crickets, Silverfish, Spiders, and others	<ul style="list-style-type: none"> Use a coarse, low-pressure spray. Treat entry points such as around water pipes, doors, windows, and eaves. Treat areas where pests normally feed or hide such as baseboards, corners, around water pipes, under refrigerators, cabinets, sinks, and stoves, being sure to spray cracks & crevices. Spot treat floor or rugs beneath furniture, in closets, and storage areas, but do not apply to entire floor area. Do not use as a "space spray". IGR Note: This product can be tank mixed with an insect growth regulator (IGR) for extended cockroach control.
ANTS	<ul style="list-style-type: none"> Apply to ant trails on walls, tile, baseboards, around pipes, under cabinets, and other places where ants are active. Treat entry points such as windows and doors and the outdoor perimeter. For best results, treat nests when possible.
PANTRY AND STORED PRODUCT PESTS	<ul style="list-style-type: none"> For best results, clean area before treating. Remove and destroy infested food. Discard food accidentally contaminated with spray. For cupboards, shelving, or food storage areas: Remove utensils, exposed food, shelf paper, and other items before spraying. When dried, cover shelves with clean paper before replacing items.
COMMERCIAL STORED PRODUCT PESTS	<ul style="list-style-type: none"> Commercial storage or transportation: Clean and treat warehouses, production facilities, storage areas, rail cars, truck beds, and other areas where products are stored, before filling with the product.
PESTS IN AIRCRAFT	<ul style="list-style-type: none"> Do not use in aircraft cabins. May be applied to carpet or upholstery in the cargo area only.
PESTS IN LIVESTOCK HOUSING STRUCTURES including poultry houses & pet kennels	<ul style="list-style-type: none"> Apply as a general surface and/or a crack and crevice spray. For best results, clean facilities before applying and treat outdoor perimeter areas. Do not apply indoors where animals other than cattle or horses are present. Do not apply to animal feedstuffs or watering equipment.
FLYING INSECTS	<ul style="list-style-type: none"> Apply to surfaces where pests collect or rest.

STRUCTURAL PESTS				
OUTDOOR/PERIMETER PESTS				
Ants	Cluster flies	Flies	Millipedes	Sowbugs
Bees	Crickets	Gnats	Mosquitoes	Spiders
Boxelder bugs	Elm leaf beetles	Ground beetles	Moths	Ticks
Carpenter ants	Fire ants	Hornets	Pillbugs	Wasps
Centipedes	Firebrats	Midges	Scorpions	Yellow jackets
Cockroaches	Fleas		Silverfish	
WHERE TO APPLY	<ul style="list-style-type: none"> Apply where pests have been seen or found, or can find shelter. Apply to buildings, porches, patios, garages, fences and other areas where pests are found. To prevent infestation, treat the building foundation, walls, and around doors, windows, and soffits where pests are active or may enter or hide; also treat the soil, turf, or other substrates adjacent to buildings. 			
USE RATE	<ul style="list-style-type: none"> 8 to 16 ml (0.27 to 0.54 fl oz) per 1,000 sq ft - See Table 1 for mixing directions. For fire ants and flying pests: 0.025% -- 8 ml (0.27 fl oz) per gal water 0.05% -- 16 ml (0.54 fl oz) per gal water Always use the high rate for fire ants, bees, wasps, yellow jackets and hornets. Use high rate for severe infestations, faster knockdown, and longer residual. 			
HOW TO APPLY (Also see APPLICATIONS FOR OUTDOOR/PERIMETER PESTS)	<ul style="list-style-type: none"> <u>Perimeter Treatment:</u> To help prevent infestation of structures, treat area adjacent buildings in a band up to 10 feet wide. Also treat the building foundation to a height of 2 to 3 feet in areas where pests are active or can find entrance. Apply just enough dilution to adequately cover the area without excessive dripping or runoff. Volume can vary depending on the surface type treated. For example, mulch requires more spray than bare soil. If mulch is heavy, rake it back to expose soil before treating. Avoid contact with treated surfaces until dry. 			
WHEN TO APPLY	<ul style="list-style-type: none"> When pests are seen or found Re-apply every 7 to 10 days if needed. 			
MIXING INFORMATION	<ul style="list-style-type: none"> Add product when filling spray tank with water; shake or agitate mixture. Diluted spray mixture can be stored overnight. Agitate before using. Can be tank mixed with other pesticides currently registered for similar uses. To be sure of physical compatibility, first prepare a sample in a small jar using the proper proportions of water and products. Follow the most restrictive of labeling directions and precautions. Do not exceed label rates. 			

Table 1: Mixing Directions for Outdoor/Perimeter Applications

Application Volume: gals/ 1,000 sq ft	Use Rate: Milliliters/ 1,000 sq ft	Milliliters of Tempo SC Ultra Diluted to These Volumes of Finished Spray			
		3 gals	10 gals	15 gals	25 gals
2	8	12	40	60	100
	16	24	80	120	200
5	8	--	16	24	40
	16	--	32	48	80
10	8	--	8	12	20
	16	--	16	24	40

Formula for Determining the Percent Concentration in the Finished Spray				
11.8	X	(Milliliters of Tempo SC Ultra)	=	Percent Concentration
(gals of finished spray)		X	3,785	

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STRUCTURAL PESTS	
WOOD-INFESTING PESTS	
Beetles Ambrosia Deathwatch False powderpost Old house borer Powderpost	Carpenter ants
Carpenter bees 	Termites Subterranean Formosan Drywood
WHERE TO APPLY	<ul style="list-style-type: none"> Apply where pests have been seen or found, or can find shelter.
USE RATE	<ul style="list-style-type: none"> 0.05% -- 16 ml (0.54 fl oz) per gal water
HOW TO APPLY (Also see Application section)	<ul style="list-style-type: none"> Apply spray or foam as described in application section. Avoid contact with treated surfaces until dry.
WHEN TO APPLY	<ul style="list-style-type: none"> When pests are seen or found Re-apply every 7 to 10-days if needed.
MIXING INFORMATION	<ul style="list-style-type: none"> Add product when filling spray tank with water; shake or agitate mixture. Diluted spray mixture can be stored overnight. Agitate before using. Can be tank mixed with other pesticides currently registered for similar uses. To be sure of physical compatibility, first prepare a sample in a small jar using the proper proportions of water and products. Follow the most restrictive of labeling directions and precautions. Do not exceed label rates. Foam applications: Mix end-use dilution with manufacturer's recommended volume of foaming agent for 0.025 to 0.05% concentration.

APPLICATION FOR WOOD-INFESTING PESTS	
CARPENTER ANTS	<p>In houses and other structures: Apply around doors and windows and other places where carpenter ants may enter. Spray or foam into cracks & crevices, or spray, mist or foam through small drilled holes into voids where ants or nests are present. Use enough spray or foam to cover the area. Do not exceed 1 gal of dilution per 1,000 sq ft.</p> <p>Inside trees, utility poles, fencing and decking materials and similar structural members: Drill to find the interior infested cavity and inject dilution or foam using an appropriate treatment tool with a splashback guard.</p> <p>Tunneling in soil: Apply as a soil drench or inject the dilution or foam in the soil at intervals of 8 to 12 inches. Use 1 gal of dilution per 8 sq ft. Establish a uniform vertical barrier at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surfaces.</p> <p>Protecting firewood from carpenter ants: Treat soil beneath firewood before stacking at 1 gal of dilution per 8 sq ft.</p> <p>Do not treat firewood with this product.</p>
CARPENTER BEES	<p>In structures: Spray or foam directly into gallery entrance holes. Leave entrance open for 24 hours to be sure that returning adult bees are killed. When there is no activity, the hole may be sealed with a suitable sealant.</p>
WOOD-INFESTING BEETLES	<p>On surfaces in homes, apartments, and other structures</p> <p>For small areas, brush or spray evenly on wood surfaces.</p> <p>For large or overhead areas, thoroughly cover wood surfaces with a coarse spray.</p> <p>Protect surfaces below the treated area from accidental dripping by covering with disposable plastic sheeting or other material that can be thrown away after treatment.</p> <p>In localized areas: Apply dilution or foam to voids and galleries in damaged wood, in spaces between wooden structural members, and between the sill plate and foundation. Apply to inaccessible areas by drilling, and then injecting, spraying, or misting the dilution or foam into the damaged wood or wall voids.</p>

APPLICATION FOR WOOD-INFESTING PESTS (continued)	
DRYWOOD AND ABOVE-GROUND SUBTERRANEAN TERMITES	<p>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.</p> <p>In localized areas: Apply dilution or foam to voids and galleries in damaged wood, to spaces between wooden structural members, and between the sill plate and foundation. Apply to inaccessible areas by drilling, and then injecting, spraying, or misting the dilution or foam into damaged wood or wall voids.</p> <p>Swarming or reproductive stages: Apply dilution to the swarm or area on which the termites collect. Make applications to attics, crawl spaces, unfinished basements or man-made voids with a coarse fan spray to control exposed reproductive forms of termites.</p> <p>Above-ground termites inside trees, utility poles, fencing and decking materials and similar structural members: Drill to find the infested cavity and inject dilution or foam using an appropriate tool with a splashback guard.</p> <p>Termite carton nests: Inject dilution or foam into building voids or tree cavities using a pointed injection tool. Several injection points to varying depths may be needed. For best results, remove carton nest material when possible.</p> <p>Protecting firewood from termites: Treat soil beneath firewood before to stacking at 1 gal of dilution per 8 sq ft.</p> <p>Do not treat firewood with this product.</p>

TURF PESTS			
TEMPO SC ULTRA controls designated pests on landscape and recreational turf.			
TURF PESTS			USE RATE
Ants	Cutworms	Japanese beetles (adult)	4 to 8 ml (0.135 to 0.270 fl oz) per 1,000 sq ft or 6 to 12 fl oz per acre Use high rate for severe infestations, faster knockdown, and longer residual.
Armyworms	Earwigs	Sod webworms	
Crickets	Grasshoppers	Ticks (including deer ticks)	
Black turfgrass atenioides (adults)	Chiggers	Hyperodes weevil (adult)	8 ml (0.270 fl oz) per 1,000 sq ft or 12 fl oz per acre
Bluegrass billbug (adult)	Fire ants (aids in control)	Mole crickets	
Chinch bugs	Fleas	Scorpions	
WHERE TO APPLY	<p>For use on landscape and recreational turfgrass. Not for use on turf grown for research, commercial seed production, sale, or other commercial use.</p> <p>Not for use on golf course turf.</p> <p>Apply where pests have been seen or found, or can find shelter. Permitted areas include but are not limited to: home lawns, business complexes, apartment buildings, airports, cemeteries, parks, playgrounds, recreational fields, institutional grounds, athletic fields, and other landscape turf grass.</p>		
HOW TO APPLY (Also see APPLICATION FOR TURF PESTS)	<p>Use an accurately calibrated sprayer. Apply uniformly using spray nozzles with a coarse droplet size such as flood jet nozzles.</p> <p>Keep children and pets off treated areas until lawn has dried.</p>		
WHEN TO APPLY	<p>Apply when pests first appear. Re-apply as needed based on pest reinfestation. Do not treat more than 6 times per year. Consult your State Cooperative Extension Office for the specific timing in your area.</p>		
MIXING INFORMATION	<ul style="list-style-type: none"> Add product when filling spray tank with water; shake or agitate mixture. Diluted spray mixture can be stored overnight. Agitate before using. <p>Can be tank mixed with other pesticides currently registered for similar uses. Follow the most restrictive of labeling directions and precautions. Do not exceed label rates.</p> <p>Compatibility: Compatible with commonly used fungicides, miticides, liquid fertilizers and other insecticides. To be sure of physical compatibility, first prepare a sample in a small jar using the proper proportions of water and products.</p>		
RESTRICTIONS	<ul style="list-style-type: none"> Do not apply this product by aerial application or by any type of chemigation system. Do not apply when the average wind speed is greater than 15 mph. Do not allow drift onto ponds, streams, or lakes. Do not apply when turf grass areas are water logged or the soil is saturated with water (i.e., will not accept irrigation). 		

APPLICATION FOR TURF PESTS	
ARMYWORMS, CUTWORMS, SOD WEBWORMS	Do not water or mow for at least 24 hours following application.
BILLBUGS	Apply when adults first appear in the spring. In temperate climates, this application will also control overwintering chinch bugs.
CHINCH BUGS	For best results, water the turf immediately after application to aid in the penetration of the active ingredient into the thatch layer where chinch bugs dwell.
TICKS (Including ticks that transmit Lyme Disease and Rocky Mountain Spotted fever)	For best results, treat the entire area where ticks could be present. Begin treating in the spring. Ticks may be re-introduced from surrounding areas by host animals. Continue treating until frost to control both larvae and adult ticks.

ORNAMENTAL PESTS

TEMPO SC ULTRA controls designated pests on trees, shrubs, foliage plants and flowers in outdoor landscaped areas and interior plantscapes where these plants are grown.

Ants	Clover mites	June beetles (adult)	Peppertree psyllid	Striped oakworms
Aphids	Cockroaches	Lace bugs	Pillbugs	Tent caterpillars
Armyworms	Crickets	Leaf-feeding caterpillars	Pine shoot moths	Thrips
Azalea caterpillars	Cutworms	Leafhoppers	Pine tip moths	Ticks (including deer ticks)
Bagworms	Elm leaf beetles	Leafrollers	Plant bugs	Tussock moth larvae
Black vine weevil (adult)	Emerald Ash borer (Adult)*	Leaf skeletonizers	Redhumped caterpillars	Wasps
Boxelder bugs	Elm spanworms	Mealybugs	Sawfly larvae	Walnut caterpillars
Bristly rose slugs	Flea beetles	Midges	Scale insects (crawler stages)	Webworms
Budworms	Flies	Mosquitoes	Sowbugs	Whiteflies
California oakworms	Fungus gnats	Oleander moth larvae	Spiders	Yellownecked caterpillars
Cankerworms	Grasshoppers	Orchid weevil	Spittlebugs	
Casebearers	Gypsy moth larvae	Pear psylla	Striped beetles	
	Japanese beetles (adult)			

*For emerald ash borer, make a minimum of two applications per season. The first application should be made in late May/early June or when adult beetles begin flying. Subsequent applications should be made approximately one month after the previous application.

WHERE TO APPLY	<p>Use in landscapes and interiorscapes. Permitted areas include but are not limited to: parks, recreational areas, athletic fields, institutional grounds, hotels, malls, office buildings, and airports. Not for use on plants or turf grown for research, commercial seed production, sale, or other commercial use. Not for use in greenhouses or nurseries.</p> <p>Apply where pests are seen, have been found, or can find shelter among trees, shrubs, evergreens, ground covers, flowers, and foliage plants.</p> <p>No phytotoxicity has been observed on a wide range of ornamentals tested under various environmental conditions. If in doubt, first try this product on a small sample.</p>
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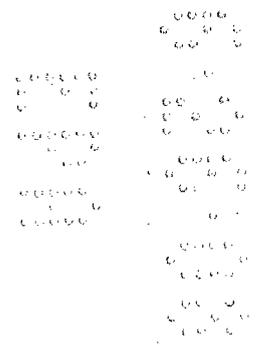
USE RATE	<ul style="list-style-type: none"> 45 to 160 ml (1.5 to 5.4 ounces) Tempo SC Ultra per 100 gals of water Use high rate for severe infestations, faster knockdown, and longer residual.
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HOW TO APPLY (Also see APPLICATION FOR ORNAMENTAL PESTS)	<p>Apply as a dilute spray just to the point of run-off but do not allow excess run-off. For hard-to-weed foliage such as holly, pine, or ivy, adding a spreader-sticker may enhance knockdown and residual activity. For best results, spray thoroughly for good coverage including the underside of leaves for pests that feed or rest there.</p> <ul style="list-style-type: none"> Spray plants in bloom at times when pollinating insects are not present, such as early morning or late evening. Remove any animal feeding dishes prior to treatment. <p>Avoid contact with treated surfaces until dry.</p>
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(continued on next column)

ORNAMENTAL PESTS (continued)	
WHEN TO APPLY	<ul style="list-style-type: none"> Apply when pests first appear. Re-apply as needed based on pest infestation. Consult your State Cooperative Extension Office for the specific timing in your area.
MIXING INFORMATION	<ul style="list-style-type: none"> Add product when filling spray tank with water; shake or agitate mixture. Diluted spray mixture can be stored overnight. Agitate before using. <p>Can be tank mixed with other pesticides currently registered for similar uses. Follow the most restrictive of labeling directions and precautions. Do not exceed label rates.</p> <p>Compatibility: Compatible with commonly used fungicides, miticides, liquid fertilizers and other insecticides. To be sure of physical compatibility, first prepare a sample in a small jar using the proper proportions of water and products.</p>
RESTRICTIONS	<ul style="list-style-type: none"> Do not apply to any food crop. Do not allow drift onto ponds, streams or lakes.

APPLICATION FOR ORNAMENTAL PESTS	
ANTS, CRICKETS, SPIDERS, MIDGES, WASPS AND FLIES	Apply as a general spray, concentrating on damp areas beneath shrubbery, around foundations and in areas of tall grass or weeds in ornamental areas and areas adjacent to buildings.
BAGWORMS	Spray when bagworms first begin to hatch. If possible, apply directly to the larvae. Young larvae are easier to control.
BLACK VINE WEEVIL (adult)	Use rate: 60 to 160 ml (2 to 5.4 fl oz) per 100 gals . Apply as needed when adults and damage are first noticed in spring and at 3 to 4 week intervals while weevils and notching are observed. Addition of a spreader/sticker at recommended rates may enhance control of insects on certain species of ornamentals having difficult to wet foliage.
COCKROACHES	Spray hiding or resting places such as under shrubbery, in ground covers and mulching materials, in hollow trees, etc.
SCALE (CRAWLERS)	Spray thoroughly, including foliage, trunk, limbs, and twigs.



STORAGE AND DISPOSAL	
Do not contaminate water, food, or feed by storage or disposal.	
Storage:	<ul style="list-style-type: none"> • Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, or feed. • Protect from freezing. • Store in original containers and out of the reach of children, preferably in a locked storage area. • Handle and open container in a manner as to prevent spillage.
Pesticide Disposal:	<ul style="list-style-type: none"> • Pesticide wastes are hazardous. • Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. • If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
Container Disposal:	<ul style="list-style-type: none"> • Do not use container in connection with food, feed, or drinking water. • Completely empty container into application equipment. Triple rinse, or equivalent. • Dispose of container by offering for recycling or reconditioning or puncture and dispose of container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.
Spills:	<p>If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material.</p> <ul style="list-style-type: none"> • Do not walk through spilled material. • Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. • Keep unauthorized people away. • You may contact the Bayer Environmental Science Emergency Response Team for decontamination procedures or any other assistance at 1-800-334-7577.

APPENDIX

Use Tempo SC Ultra as a general surface, spot, mist, or crack and crevice treatment.

Permitted areas of use in buildings, structures, and modes of transport include, but are not limited to:

<ul style="list-style-type: none"> • apartment buildings • bakeries • bottling facilities • breweries • buses • cafeterias • candy plants • cereal processing and manufacturing plants • correctional facilities • dairies and dairy product processing plants • frozen food plants • grain mills 	<ul style="list-style-type: none"> • granaries • greenhouses (structures only) (non-commercial) • hospitals • hotels • houses • industrial buildings • kitchens • laboratories • livestock housing • pet kennels • manufacturing establishments • mausoleums 	<ul style="list-style-type: none"> • meat and produce canneries • nursing homes • pickle factories • poultry houses • processing and packing plants • restaurants • schools • spice plants • stores • warehouses • wineries and similar structures • transportation vessels such as aircraft - cargo areas only, buses, trucks, trailers, rail cars, and marine vessels.
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