

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505T) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

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Date of Issuance:

EPA Reg. Number:

8/21/23

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X Registration Reregistration (under FIFRA, as amended) Term of Issuance: Unconditional

Name of Pesticide Product:

A109.02

Name and Address of Registrant (include ZIP Code):

Atticus, LLC 5000 CentreGreen Way, Suite 100 Cary, NC 27513

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

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

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

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

- 1. Submit and/or cite all data required for registration/registration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
- 2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. You have 18 months from the date of registration to provide these data.

Continues page 2

Signature of Approving Official:	Date:
X J Delcl	8/21/23
Kara Welch, Product Manager 03 IVB1, Registration Division (7505T)	

Page 2 of 2 EPA Reg. No. 91234-287 Decision No. 580450

- 3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 91234-287."
- 4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA 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) lists 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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 12/16/2022
- Alternate CSF 1 dated 12/16/2022

If you have any questions, please contact Jamey Shuler by phone at (202) 566-2898, or via email at Shuler.Jamey@epa.gov.

Enclosure

ACCEPTED

08/21/2023

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 91234-287

{Note to reviewer: [Text] in brackets denotes optional or explanatory language} {Note to reviewer: {Text} in braces denotes where in the final label text will appear} **{BOOKLET FRONT PANEL LANGUAGE}**

CYFLUTHRIN

GROUP 3A INSECTICIDE

A109.02^[™]

[Alternate Brand Name: Tirade 20 WP]

Contains cyfluthrin, the active ingredient used in [Tempo® 20 WP].

[For broad-spectrum control of crawling, flying, and wood-infesting insect pests for indoor and outdoor surfaces, as well as insect pests of trees, landscape ornamentals and residential and commercial lawns.]

[For Pest Management Professionals and commercial use only.]

ACTIVE INGREDIENT: (% by weight) Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)- 2,2-dimethylcyclopropane-OTHER INGREDIENTS: 80.0 %

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See [below] [inside label booklet] for [additional] [First Aid,] [and] [Precautionary Statements] [and] [Directions for Use]. [See back panel for First Aid and Precautionary Statements.]

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. 				
If on skin or clothing:	 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. 				
 • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respirat preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further 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. 				
HOT LINE NUMBER					
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information.					

For Chemical Emergency: Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

Note to Physician: No specific antidote is available. Treat the patient symptomatically.

[A109.02] is not manufactured, or distributed by Bayer Environmental Science, seller of Tempo® 20 WP.

{Note to reviewer: If applicable commercially, the contains statement and disclaimer will appear on the front panel of the final product packaging.}

EPA Reg. No.: 91234-XX

EPA Est. No.:

Net Contents:

Manufactured for:
Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

{LANGUAGE INSIDE BOOKLET}

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. **DO NOT** get in eyes, on skin, or on clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and warm water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse. Wear safety glasses, goggles, or face shield when handling the undiluted material and wear a respirator when making general surface overhead treatments indoors.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and other aquatic organisms. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors where such containers are present. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified on this label.

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. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems.

This pesticide is highly toxic to bees exposed to direct treatment or residues on crops or weeds. **DO NOT** apply **A109.02** 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix or allow to come in contact with any oxidizing agent. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

IMPORTANT: Read entire label and Conditions of Sale before using this product. **DO NOT** allow children or pets to enter treated areas until surfaces are dry.

For both indoor and outdoor use.

PRODUCT FACTS								
 Quick Knockdown & Residual Control Low Odor Non-staining No phytotoxicity on a wide range of ornamentals 								
A109.02	Wettable powder containing 20% cyfluthrin							
CONTROLS	 Indoor Pests General Household Pests Pantry and Stored Product Pests Food Processing Pests Outdoor/ Perimeter Pests Wood-Infesting Pests Turf Pests Ornamental Pests For list of specific insects, see tables in Directions for Use. 							

WHERE TO APPLY	Apply where pests have been seen or found, or can find shelter.
	In and around buildings and structures
	On residential, commercial, and recreational areas of turf
	On ornamentals in landscapes and interior plantscapes
COVERAGE	Makes up to 42 gallons of finished spray solution for indoors. (420 g size)
	Treats up to 42,000 sq ft outdoors. (420 g size)
MIXING INFORMATION	Mix the appropriate amount of A109.02 with water.
WILKING IN CHILIATION	May tank mix with other pesticides currently registered for similar uses, unless
	specifically prohibited
HOW TO APPLY	General surface spot, mist, or crack & crevice application.
HOW TO APPLY	Broadcast application to turf and foliar application to ornamentals.
RE-APPLY	Every 7 to 10 days, if needed.
	For turf, reapply if needed, but not more than 6 times per year.
RE-ENTRY	Avoid contact with treated surfaces until dry.
	People and pets may re-enter after the treated area is dry.
APPLICATION	All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for
RESTRICTIONS	the following permitted uses:
	 Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
	2. Perimeter band treatments of 7 feet wide or less from the base of a man-made
	structure to pervious surfaces (e.g., soil, mulch, or lawn);
	3. Applications to underside of eaves, soffits, doors, or windows permanently protected
	from rainfall by a covering, overhang, awning, or other structure;
	4. Applications around potential exterior pest entry points into man-made structures
	such as doorways and windows, when limited to a band not to exceed one inch;
	5. Applications to vertical surfaces (such as the side of a man-made structure) directly
	above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above
	ground level;
	6. Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn,
	turf, mulch or other vegetation) only if the pervious surface does not drain into
	ditches, storm drains, gutters, or surface waters.
	• Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).
	 For soil or foliar applications, DO NOT apply by ground within 25 feet of lakes, reservoirs,
	rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm
	ponds.
	• DO NOT spray the product into fish pools, ponds, streams, or lakes. DO NOT apply directly
	to sewers or storm drains, or to any area like a drain or 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.
	DO NOT apply directly to impervious horizontal surfaces such as sidewalks, driveways,
	and patios except as a spot or crack-and-crevice treatment.
	DO NOT apply or irrigate to the point of runoff.
	 DO NOT make applications during rain. Avoid making applications when rainfall is
	expected before the product has sufficient time to dry (minimum 4 hours).
	Rainfall within 24 hours after application may cause unintended runoff of pesticide
	application.
	To treat insects harbored in voids and cracks-and-crevices, applications must be made in
	such a manner to limit dripping and avoid runoff onto untreated structural surfaces and
	plants.

QUESTIONS	For guestions or comments, contact Atticus, LLC.
I QUESTIONS	Tot questions of comments, contact reticus, Ele.

STRUCTURAL PESTS

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

Use **A109.02** as a general surface, spot, mist, or crack and crevice treatment in and around buildings and structures 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 Crawling Pest Beetles Fruit flies Ants (except Pharaoh) (Exposed adults & immature stages) Phorid flies Bedbugs Cadelle Sciarid flies Carpet beetles Cigarette Confused flour Centipedes Also includes: Clothes moths Dermestid General Household Pests Cluster fly Drugstore Pantry & Stored Product Pests Cockroaches Granary weevil Crickets Hide Darkling beetles Larder **Earwigs** Leather **Firebrats** Lesser grain borer Millipedes Lesser mealworm **Pillbugs** Merchant grain Silverfish Mealworm Sowbugs Red flour Spiders Rice weevil Sawtoothed grain Flying Pests Flies Warehouse Gnats **Moths** Hornets Indian meal Mediterranean flour Midges Moths Wasps Yellow jackets 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** 0.05% --10 g (2 scoops) /gal water 0.1% -- 20 g (4 scoops) /gal water • Use high rate for severe infestations, fast knockdown, and long residual.

• Always use the high labeled rate for bees, wasps, yellow jackets and hornets.

INDOOR PESTS (continue	ed)			
HOW TO APPLY	Remove or tightly cover fish tanks and disconnect aerators during application.			
	 Remove pets during application and until treated surfaces are completely dry. 			
(Also see APPLICATION	Avoid contact with treated surfaces until dry.			
FOR INDOOR PESTS)	 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, cover or thoroughly wash all food processing surfaces and utensils 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. 			
	It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. DO NOT exceed labeled 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	Applications may be made to both Food/Feed and non-food areas of food and feed handling establishments. 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: receiving, storing and packing (canning, bottling, wrapping, boxing) food preparing food edible waste storage enclosed processing systems (mills, dairies, edible oils, syrups) of food. Serving areas where food is exposed and the facility is in operation are also considered food areas.						
USE RATE	 Apply as a general surface spot, mist, or crack & crevice application. 0.05%10 g (2 scoops) /gal water 0.1% 20 g (4 scoops) /gal water Use high labeled rate for severe infestations, fast knockdown, and long residual. 						
HOW TO APPLY (Also see INDOOR PESTS)	General Surface Applications Cover or remove all food processing and handling equipment before treatment. 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. DO NOT apply to surfaces in food-handling areas when facility is in use or when foods are exposed. DO NOT apply directly to food. Spot of Crack & Crevice Applications Spot or crack and crevice application is permitted while facility is in use. Cover or remove food from area being treated. DO NOT apply directly to food or food handling surfaces.						

APPLICATION FOR INDOO	APPLICATION FOR INDOOR PESTS							
GENERAL	Use a coarse, low-pressure spray.							
HOUSEHOLD PESTS Cockroaches, Crickets, Silverfish, Spiders, and other listed pests	 Treat entry points. 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	 Apply to ant trails on walls, tile, baseboards, around pipes, under cabinets, and other places where ants are active. Treat entry points. For best results, treat nests when possible. 							
PANTRY AND STORED PRODUCT PESTS	 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	 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	For use only in aircraft cargo holds	For use only in aircraft cargo holds					
PESTS IN LIVESTOCK	 Apply as a general surface and/or a crack and crevice spray. 						
HOUSING STRUCTURES	For best results, clean facilities before applying and treat outdoor perimeter areas.						
poultry houses & pet	DO NOT apply indoors where animals other than cattle or horses are present.						
kennels	DO NOT apply to animal feedstuffs or watering equipment.						
	acidify mix tank water to a pH of 5.0 or less prior to mixing with water-miscible A109.02.						
	Acidifier	Rate					
	white vinegar	1/2 cup per one gallon					
	citric acid	1 oz per 18 gallons					
	sodium bisulfate (poultry water 1 oz per 32 gallons treatment; PWT)						
FLYING INSECTS	Apply to surfaces where pests collect or rest.						

STRUCTURAL PESTS									
OUTDOOR/PERIMET	OUTDOOR/PERIMETER PESTS								
Ants	Centipedes	Fire ants	Ground beetles	Pillbugs	Ticks				
Bees	Cockroaches	Firebrats	Hornets	Scorpions	Wasps				
Boxelder bugs	Cluster fly	Fleas	Midges	Silverfish	Yellow jackets				
Carpenter ants	Crickets	Flies	Millipedes	Sowbugs					
	Elm leaf beetle	Gnats	Moths	Spiders					
WHERE TO APPLY	 Apply whe 	re pests have bee	n seen or found or can find	d shelter.					
	 Apply to b 	uildings, fences ar	d other areas where pests	are found.					
	Apply to perform	orches, patios, and	d garages as a spot or crack	and crevice trea	tment.				
	To prevent	infestation, treat	the building foundation, v	walls, and around	doors, windows, and				
	soffits whe	re pests are active	e or may enter or hide; also	treat the soil, tu	rf, or other substrates				
	adjacent to buildings.								
USE RATE	• 10 to 20 g	(2 to 4 scoops)/1,	000 sq ft - See Table 1 for	mixing direction	S.				
	For fire ants and flying pests								
	0.05%10 g (2 scoops) /gal water								
	0.1% 20 g (4 scoops) /gal water								
	Always use the high labeled rate for fire ants, bees, wasps, yellow jackets and hornets.								
	Use high labeled rate for severe infestations, fast knockdown, and long residual.								
HOW TO APPLY	Perimeter Treatment: To help prevent infestation of structures, treat area adjacent to								
	buildings i	n a band up to 7 f	eet wide. Also treat the bu	uilding foundatio	n to a height of 2 feet				
(Also see	in areas where pests are active or can find entrance.								
APPLICATIONS	Apply just enough dilution to adequately cover the area without excessive dripping or								
FOR OUTDOOR/	runoff. Vo	olume can vary o	depending on the surfac	e type treated.	For example, mulch				
PERIMETER PESTS	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	 When pes 	ts are seen or fou	nd						
	Re-apply e	very 7 for 10-day	s 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.
	It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. DO NOT exceed labeled
	and precautionary statements of each product in the tank m rates.

Table 1: Mixing Direc	Table 1: Mixing Directions for Outdoor/Perimeter Applications				
Application Volume: Gallons/	Use Rate: Grams/				
1,000 sq ft	1,000 sq ft	3 gal.	10 gal.	15 gal.	25 gal.
2	10	3	10	15	25
	20	6	20	30	50
5	10	1	4	6	10
	20	2	8	12	20
10	10		2	3	5
	20		4	6	10

^{* 1} level scoop = 5 grams

Formula for Determining the Percent Concentration in the Finished Spray		
(Scoops of A109.02)		
(Gallons of finished spray) X 37.85	= Percent Concentration	

APPLICATION FOR OUTDO	OR/PERIMETER PESTS
ANTS	Locate and treat ant nests, if possible. Follow trails of foraging workers, check under objects near the structure, and inspect other likely nest sites. If ants are nesting in the soil, thoroughly drench or inject the nest and surrounding soil. Treat ant trails around windows and doors, along sidewalks (spot or crack-and-crevice treatment only), or other areas where seen. Apply a perimeter treatment as described above.
BEES, WASPS, YELLOW JACKETS, HORNETS	Use Rate: 0.1% concentration. Make pin stream applications directly to the nests. To help avoid stings treat nests in the evening when the insects are inside the nest. For best results, check nests within one or two days to ensure complete kill. Remove and destroy treated nests to prevent emergence of newly hatched insects, secondary pest problems, and possible staining from honey. If removal is not possible, retreat nests if necessary.
BOXELDER BUGS	Apply directly to boxelder bugs that have congregated around doors and windows and similar areas where they may enter structures. Apply perimeter treatment as described above. For best results, treat infested trees early in the season. Tree spraying may require an ornamental license - check with your local regulator.
CENTIPEDES, MILLIPEDES, PILLBUGS, SOWBUGS	Apply perimeter treatment to reduce the number of insects from entering the structure. Thoroughly treat mulched areas. Reduce moisture areas from around the structure.

FIRE ANTS	Use Rate: 0.1% concentration
	Thoroughly drench or inject the entire mound. When using injection treatment, you must treat
	the bottom of the mound. Apply dilution [or foam] using a downward and upward motion of
	the injector tool. For complete distribution, inject in several points throughout the mound.
	Treat new mounds as they appear.
	DO NOT use in pastures or areas of food crop production.
FLEAS & TICKS	Make a perimeter treatment, concentrating on areas where pets rest or run. For ticks, treat
	likely harborage areas. 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.
FLIES	Use Rate: 0.05 to 0.1%
	Apply low-volume mist or spray to outside surfaces of buildings, fences, and other areas where flies rest.
	Apply to porches, patios, and garages as a spot or crack and crevice treatment.
	CLUSTER FLY: Treat in late summer or fall, just before flies begin looking for winter shelter. Spray
	siding, eaves, around windows and doors, window screens, and attics. To help reduce
	infestations, treat cracks and crevices, attics and other indoor winter hiding places.
	Note: Cluster flies may appear during winter warm spells, while snow is still on the ground.
MOSQUITOES	Spray around landscape plants, turf and ground cover, under decks, around building
	foundations and other places where mosquitoes may rest.
SCORPIONS	Treat around piles of firewood and other areas where scorpions may hide. When possible,
	remove piles of materials that can harbor the pests. Apply a perimeter treatment.

	STI	RUCTURAL PESTS	
WOOD-INFESTING PESTS			
Beetles	Carpenter ants	Carpenter bees	<u>Termites</u>
Ambrosia			Subterranean
Deathwatch			Formosan
False powderpost			Drywood
Old house borer			
Powderpost			
WHERE TO APPLY	Apply where pests	have been seen or found or car	n find shelter.
USE RATE	• 0.1 % 20 g (4 sco	ops) / gal water	
HOW TO APPLY	 Apply spray [or foa 	m] as described in application s	section.
(Also see Application	 Avoid contact with 	treated surfaces until dry.	
section)			
WHEN TO APPLY	When pests are see	en or found	
	Re-apply every 7 to	10 days if needed.	
MIXING INFORMATION	Add product when	filling spray tank with water; sh	nake or agitate mixture.
	 Diluted spray mixtu 	ıre can be stored overnight. Ag	itate before using.
	physical compatibil water and products	lity, first prepare a sample in a s s.	registered for similar uses. To be sure of small jar using the proper proportions of
	_		that all products are registered for the ictions and limitations and directions for
	directions for use a	and precautionary statements of	Users must follow the most restrictive of each product in the tank mixture. DO
	NOT exceed labele	d rates.	

•	[Foam applications: Mix End-use dilution with manufacturer's recommended volume of
	foaming agent for 0.05 to 0.1% concentration.]

APPLICATION FOR WOO	D-INFESTING PESTS
CARPENTER ANTS	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 gallon of dilution per 1,000 sq ft. 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. 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 gallon of dilution per 8 square feet. Establish a uniform vertical barrier at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surfaces. Protecting firewood from carpenter ants: Treat soil beneath firewood before stacking at 1 gallon of dilution per 8 sq ft.
	DO NOT treat firewood with this product.
CARPENTER BEES	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.
WOOD-INFESTING	On surfaces in homes, apartments, and other buildings.
BEETLES	For small areas, brush or spray evenly on wood surfaces. For large or overhead areas, thoroughly cover wood surfaces with a coarse spray. 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. 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.
DRYWOOD AND	This type of application is intended to be a supplemental treatment for control of dry wood and
ABOVE-GROUND SUBTERRANEAN TERMITES	above-ground subterranean termites and other wood-infesting insects. Do not use this product as the sole source of control for active, structural infestations by subterranean termites; the purpose of this application is to kill workers or winged reproductive forms of termites which are present at the time of treatment. It is not intended to provide structural pest control. It is not a substitute for mechanical alteration, soil and foundation treatment, but merely a supplement. For active, structural infestations by subterranean termites, this product can only be used to supplement a federally registered conventional product that is registered as a sole source for termite control. This product will not eliminate termite infestations or provide protection against future infestation.
	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. 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. 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 splash back guard.

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.
Protecting firewood from termites: Treat soil beneath firewood before stacking at 1 gallon of
dilution per 8 sq ft.
DO NOT treat firewood with this product.

	Т	URF PESTS			
A109.02 controls designa	A109.02 controls designated pests on landscape and recreational turf.				
TURF PESTS		USE RATE			
Ants Armyworms Crickets Cutworms Earwigs	Grasshoppers Japanese beetles (adult) Sod webworms Ticks (including deer ticks)	5 to 10 grams (1 to 2 scoops) per 1,000 sq ft or 7.7 to 15.4 oz per acre Use high rate for severe infestations, fast knockdown, and long residual.			
Black turfgrass ataenius (adults) Bluegrass billbug (adult) Chinch bugs Chiggers Fire ants (aids in control)	Fleas Hyperodes weevil (adult) Mole crickets Scorpions	10 grams (2 scoops) per 1,000 sq ft or 15.4 oz per acre			
WHERE TO APPLY	For use on landscape and recreational turfgrass. DO NOT use on turf grown for research, commercialseed production, sale, or other commercial use. DO NOT use on golf course turf. Apply where pests have been seen or found or can find shelter and other landscape turf grass.				
HOW TO APPLY (Also see APPLICATION FOR TURF PESTS)	Use an accurately calibrated sprayer. Apply uniformly using spray nozzles with a coarse droplet size such as flood jet nozzles. Keep children and pets off treated areas until lawn has dried.				
WHEN TO APPLY	Apply when pests first appear. Reapply 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.				
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. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. DO NOT exceed labeled rates. COMPATABILITY: 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. 				
RESTRICTIONS	DO NOT apply this prDO NOT apply when	roduct by aerial application or by any type of chemigation system. the average wind speed is greater than 15 mph. nto ponds, streams, or lakes.			

•	DO NOT apply when turf grass areas are waterlogged or the soil is saturated with water
	(i.e., will not accept irrigation).

APPLICATION FOR TURF PE	ESTS
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 maytransmit 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 maybe re-introduced from surrounding areas by host animals. Continue treating until frost to control both larvae and adult ticks.

		ORNAMENT	TAL PESTS		
	ignated pests on trees, hese plants are growr	, shrubs, foliage plants า.	and flowers in outd	oor landscaped area	is and interior
Ants Aphids Armyworms Azalea caterpillars Bagworms Black vine weevil (adult) Boxelder bugs Bristly rose slugs Budworms	Cankerworms Casebearers Clover mites Cockroaches Crickets Cutworms Elm leaf beetles Elm spanworms Emerald ash borer (adult) Flea beetles	Fungus gnats Grasshoppers Gypsy moth larvae Japanese beetles (adult) June beetles (adult) Lace bugs Leaf-feeding caterpillars Leafhoppers Leafrollers	Mealybugs Midges Mosquitoes Oleander moth larvae Orchid weevil Pear psylla Peppertree psyllid Pillbugs Pine shoot moths	Spittlebugs Striped beetles	Thrips Ticks (including deer ticks) Tussock moth larvae Wasps Walnut caterpillars Webworms Whiteflies Yellow necked caterpillars
WHERE TO APPLY	Flies Leaf skeletonizers Pine tip moths Striped oakworms Tent caterpillars Use in landscapes and interiorscapes. DO NOT use on plants or turf grown for research, commercial seed production, sale, or other commercial use. DO NOT use in greenhouses or nurseries. Apply where pests are seen, have been found, or can find shelter among trees, shrubs, evergreens, ground covers, flowers, and foliage plants. 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. For emerald ash borer, make a minimum of two applications per season. Make the first application in late-May/early June, or when adult beetles begin flying. Make subsequent applications approximately one month after the previous application.				
USE RATE	• 55 to • Use h				

HOW TO APPLY	Apply as a dilute spray just to the point of run-off but do not allow excess run-off. For hard-to-wet		
	foliage such as holly, pine, or ivy, adding a spreader-sticker may enhance knockdown and residual		
(Also see APPLICATION	activity. For best results, spray thoroughly for good coverage including the underside of leaves for		
FOR ORNAMENTAL PESTS)	pests that feed or rest there.		
	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. 		
	Avoid contact with treated surfaces until dry.		
WHEN TO APPLY	 Apply when pests first appear. Reapply as needed based on pest infestation. 		
	 Consult your state Cooperative Extension Office for the specific timing in your area. 		
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. Can be tank		
	mixed with other pesticides currently registered for similar uses.		
	It is the pesticide user's responsibility to ensure that all products are registered for the		
	intended use. Read and follow the applicable restrictions and limitations and directions for		
	use on all product labels involved in tank mixing. Users must follow the most restrictive		
	directions for use and precautionary statements of each product in the tank mixture. DO		
	NOT exceed labeled rates.		
	COMPATABILITY: 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.		
RESTRICTIONS	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: 75 to 190 grams per 100 gallons of water. 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.	

APPENDIX					
Use A109.02 as a general surface, spot, mist, or crack and crevice treatment. Use in buildings, structures, and modes of transport.					
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STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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. **DO NOT** pour or dispose down-the-drain or sewer. Call your local solid waste Agency for local disposal options.

CONTAINER HANDLING:

[Bag: Nonrefillable outer bag. **DO NOT** reuse or refill the outer bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.]

[Plastic Container: Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.]

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability. CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

[A109.02] is a trademark of Atticus, LLC [Tempo®] is a registered trademark of Bayer.

{LANGUAGE ON LABEL AFFIXED TO CONTAINER}

CYFLUTHRIN GROUP 3A INSECTICIDE

A109.02[™]

[Alternate Brand Name: Tirade 20 WP]
Contains cyfluthrin, the active ingredient used in [Tempo® 20 WP].

[For broad-spectrum control of crawling, flying, and wood-infesting insect pests for indoor and outdoor surfaces, as well as insect pests of trees, landscape ornamentals and residential and commercial lawns.

[For Pest Management Professionals and commercial use only]

ACTIVE INGREDIENT:	(% by weight)		
Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-			
dichloroethenyl)- 2,2-dimethylcyclopropane-carboxylate	20.0 %		
OTHER INGREDIENTS:	80.0 <u>%</u>		
TOTAL:	100.0%		

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

explain it to you in detail.)				
FIRST AID				
If	Call a poison control center or doctor immediately for treatment advice.			
swallowed:	 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. 			
lf on skin or	 Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 			
clothing:	minutes.			
	 Call a poison control center or doctor for treatment advice. 			
If inhaled:	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:	 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.			
	HOT LINF NUMBER			

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at **1-844-685-9173** for emergency medical treatment information.

Note To Physician: No specific antidote is available. Treat the patient symptomatically.

For Chemical Emergency:

Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. **DO NOT** get in eyes, on skin, or on clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and warm water after handling and before eating,

drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse. Wear safety glasses, goggles, or face shield when handling the undiluted material and wear a respirator when making general surface overhead treatments indoors.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and other aquatic organisms. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors where such containers are present. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified on this label. 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. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems. This pesticide is highly toxic to bees exposed to direct treatment or residues on crops or weeds. **DO NOT** apply **A109.02** 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.

PHYSICAL OR CHEMICAL HAZARDS: Do not mix or allow to come in contact with any oxidizing agent. Hazardous chemical reaction may occur.

STORAGE AND DISPOSAL

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See inside label booklet for additional Precautionary Statements and Directions for Use.

[A109.02] is not manufactured, or distributed by Competitor Company, seller of [Tempo® 20 WP].

Manufactured for: **Atticus, LLC** 940 NW Cary Parkway, Suite 200 Cary, NC 27513 EPA Reg. No.: 91234-XX
EPA Est. No.: _____
NET CONTENTS: ____