

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

JUN 25 2004

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Adrian Krygsman
Bayer Environmental Science
95 Chestnut Ridge Road
Montvale, NJ 07645

Subject: Label Amendment to Update First Aid Statements (PR Notice 2001-1)

EPA Reg. No. 432-1299
Tempo® 2 Insecticide
Your Submission Dated January 27, 2004

Dear Mr. Krygsman:

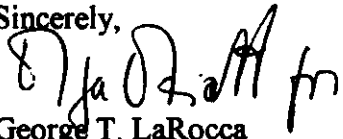
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment.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

1. Move the sentences "Do not contaminate food or feed" and "Keep out of the reach of children" from the Precautionary Statements to the Directions for Use section of the label.
2. Revise the precautionary statements to read: "*Warning: Causes substantial but temporary eye injury. Harmful if swallowed, absorbed through skin or inhaled. Do not get in eyes or clothing. Avoid contact with skin. Avoid breathing vapor or spray mist. Wear goggles, face shield, or safety glasses when handling the undiluted material. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.*

Wear a mist filtering respirator with an organic with MSHA/NIOSH approval number prefix TC-21C when making general surface overhead treatments indoors".

3. Rearrange the first aid statements so that the *If in Eyes* statements are listed first, followed by the *If swallowed* statements.
4. Revise the 2nd bullet of the *If swallowed* statements to read: "Do not give any liquid to the person".
5. Add the following statement to the Note to Physician: "Contains petroleum distillate-vomiting may cause aspiration pneumonia".
6. Under Environmental Hazards add: "and other aquatic organisms" to the end of the first sentence.
7. Move the 2nd sentence of the Environmental Hazards (Remove from premises...) to the Directions for Use/Indoor Pest Control section of the label.
8. Delete the statement "Do not formulate this product into other end-use products". Such a statement is in conflict with use of the formulators exemption (CFR 40 § 152.85).
9. Delete the paragraph "For aircraft pest control". This is in conflict with the prohibition not to apply to aircraft cabins regardless of method of application. Also under *General Information* add "non commercial" in parenthesis after greenhouses.
10. Under Disclaimer of Warranties revise the statement beginning with: "Bayer Environmental Science disclaims any liability whatsoever..." to read: "To the extent permitted by law Bayer Environmental Science disclaims any liability whatsoever...". As currently written the statement negates and/or detracts from labeling requirements as set forth by the Agency in 40 CFR Part 156, and is, therefore, considered misbranding.

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 (7505C)

Enclosure



TEMPO® 2

- * For commercial use only
- * 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.

ACTIVE INGREDIENT:

Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl-3-(2,2-dichloroethyl)-2,
 2-dimethyl-cyclopropanecarboxylate 24.3%

INERT INGREDIENTS: 75.7%
 Total: 100.0%

(This product contains xylene-range, aromatic solvents)
 Contains 2 pounds cyfluthrin per gallon.

EPA Reg. No. 432-1299

EPA Est. No.

ACCEPTED
with COMMENTS
In EPA Letter Dated
 JUN 25 2004
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under EPA Reg. No.
432-1299

STOP - Read the label before use.
Keep out of reach of children.
WARNING AVISO

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. (TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals. Do not get in eyes or on clothing. Avoid breathing vapor or spray mist. Avoid contact with skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Wear goggles, face shield, or safety glasses when handling the undiluted material and wear a respirator when making general surface overhead treatments indoors.

Do not contaminate feed or food. Keep out of reach of children.

NET CONTENTS:

BAYER ENVIRONMENTAL SCIENCE
 A Business Group of Bayer CropScience LP
 95 Chestnut Ridge Road • Montvale, NJ 07645

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.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-334-7577 for emergency medical treatment.</p>	
<p>Note To Physician: No specific antidote is available. Treat the patient symptomatically.</p>	

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. 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 2 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.

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.

GENERAL INFORMATION

FOR STRUCTURAL PEST CONTROL

TEMPO 2 Insecticide is a liquid formulation containing 2 lb active ingredient per gallon, which will provide effective knockdown and residual control of the pests listed in this label.

TEMPO 2 is intended for use as a general surface, spot, or crack and crevice application in and around buildings and structures and their immediate surroundings and on various modes of transport. Permitted areas of use include, but are not limited to, apartment buildings, bakeries, bottling facilities, breweries, cafeterias, candy plants, cereal processing and manufacturing plants, correctional facilities, dairies and dairy product processing plants, frozen food plants, grain mills, granaries, greenhouses, hospitals, hotels, houses, industrial buildings, kitchens, laboratories, livestock housing structures, pet kennels, manufacturing establishments, mausoleums, poultry houses, meat, poultry and egg processing and packing plants, meat and produce canneries, nursing homes, pickle factories, restaurants, schools, spice plants,

stores, warehouses, wineries and similar structures as well as aircraft, buses, trucks, trailers, rail cars, and marine vessels. Do not use in aircraft cabins.

Hospital and/or nursing home patients must be removed from their rooms while treatment is being applied and must not be allowed to return until all treated surfaces have dried. School classrooms must be treated only when students are not present, and all treated surfaces must be dry before the students are allowed to return.

TEMPO 2 is intended to be mixed with water and applied with hand-pressurized, power-operated sprayers, or foam-generating equipment. Spray pressure should not exceed 50 PSI at the nozzle tip when used indoors. Add the appropriate amount of product when filling sprayer tank with water, shake or agitate as necessary to mix. Diluted spray mixture can be stored overnight and applied the following day; however, mixture should be agitated prior to application to prevent uneven distribution of product. Before leaving spray mixture unagitated for an extended period of time, release tank pressure and elevate nozzle and hose above tank outlet, activate trigger and drain all dilution from hose back into spray tank. Re-tighten spray tank lid and do not re-pressurize until starting spray again.

TEMPO 2 will not stain or cause damage to any painted or varnished household surface, plastic, fabric or other surface where water applied alone causes no damage.

TANK MIXING: The user, at his discretion, can tank mix pesticides currently registered for similar use patterns, unless the product labels specifically prohibit such use. See Extended Cockroach Control with Insect Growth Regulators. It is always recommended that a small jar compatibility test using proper proportions of chemicals and water be run to check for physical compatibility prior to tank mixing.

GENERAL SURFACE APPLICATION

Use 8 milliliters of TEMPO 2 per 1000 sq ft (see Note 1) in sufficient water to adequately cover the area being treated, but which will not allow dripping or runoff to occur (see Note 2). Use a low pressure system with a fan type nozzle to uniformly apply the dilution. Applications can be made to walls, floors, ceilings, in and around cupboards, between, behind and beneath equipment, appliances, around floor drains, window and door frames, and on the underside of shelves, drawers and in similar areas. Applications may be made to floor surfaces along walls and around air ducts, however, do not treat entire area of floor or floor coverings. 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. Re-application can be made at 10-day intervals, if necessary. Do not apply where electrical short circuits could occur. Use a dust or dry bait in these areas. It is recommended to wear safety glasses, goggles or face shield and a respirator when making a general surface treatment to overhead areas.

Note 1: Under conditions of severe pest infestation or when quicker knockdown and/or longer residual control is needed, use 16 milliliters of TEMPO 2 per 1000 sq ft.

Note 2: Volume of Water Sprays Applied to a Vertical Surface to Attain Appropriate Coverage

TYPE OF SURFACE	QUARTS per	GALLONS per
	1000 Sq Ft	1000 Sq Ft
Ceramic tile (glazed)	0.75	0.2
Stainless steel	0.75	0.2
Latex painted plywood (semigloss)	4.0	1.0
Masonite (smooth)	6.3	1.5
Unpainted plywood	11.0	2.7
Unpainted particle board	11.7	3.0
Cement block (semigloss latex)	12.5	3.2
Cement block (unfinished)	145.5	36.3

SPOT, OR CRACK AND CREVICE APPLICATIONS

Mix 6 milliliters of TEMPO 2 in one gallon of water to make a dilution of 0.05% active ingredient concentration (see Note 3). Use a low pressure system with a pin-point or variable pattern nozzle or appropriate foam generating equipment to apply the dilution or sufficient volume of foam in specific areas such as: cracks and crevices in or behind baseboards, in floors, walls, expansion joints, areas around water and sewer pipes, wall voids, or voids in table legs and equipment where pests can hide as well as other similar areas. Spot treatments may also be made to areas including but not limited to storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment, the underside of shelves, drawers and similar areas. TEMPO 2 can be reapplied at 10-day intervals, if necessary. Do not apply where electrical short circuits could occur. Use a dust or dry bait in these areas.

Note 3: Under conditions of severe pest infestation or when quicker knockdown and/or longer residual control is needed, mix 16 milliliters of TEMPO 2 in one gallon of water to make a dilution of 0.1% active ingredient concentration.

EXTENDED COCKROACH CONTROL WITH INSECT GROWTH REGULATORS

Use TEMPO 2 in a tank mix combination with an Insect Growth Regulator (IGR) for extended control of American, Asian, German, Oriental, brown-banded, smoky brown and other species of cockroaches. Use in food areas of food handling establishments only if all products in tank mix are registered for such use.

Make applications in accordance with those label instructions which are the same for each product. Prepare the tank mix using the recommended rate of TEMPO 2 and the IGR of choice by adding the TEMPO 2 first and making sure it is a well mixed dilution, then adding the correct amount of IGR according to its label instructions. Follow all label instructions for use patterns and spray intervals from the IGR label to achieve maximum benefit.

Refer to the appropriate sections of the label for TEMPO 2 and the label for the IGR of choice for additional precautions, restrictions, limitations, and application information.

FOOD/FEED HANDLING ESTABLISHMENT APPLICATIONS

TEMPO 2 applications are permitted in both food/feed and non-food areas of food/feed handling establishments as a general surface, spot, or crack and crevice treatment. Food/feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and 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. TEMPO 2 is authorized by the USDA for use in federally inspected meat and poultry plants. This product is acceptable for use in edible product areas of official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs, as a crack and crevice treatment.

General Surface Application: Do not apply as a general surface application in the food handling areas of the facility, when the facility is in operation or foods are exposed. Do not apply directly to food products. Cover or remove all food processing and/or handling equipment during application. After application in food-processing plants, bakeries, cafeterias and similar facilities, wash all equipment, benches, shelving and other surfaces which food will contact. Clean food handling or processing equipment and thoroughly rinse with clean, fresh water.

Spot, Crack and Crevice Application: Spot or crack and crevice applications may be made while the facility is in operation; however, food should be covered or removed from area being treated. Do not apply directly to food or food-handling surfaces.

INDOOR PEST CONTROL

CRAWLING INSECT PEST CONTROL

For general household pests and occasional invaders make applications in a manner as previously described under General Surface, Spot, or

Crack and Crevice Application. Particular attention should be given to treating entry points and harborage areas.

For pantry pest control of exposed adult and immature stages of insects, make application to cupboards, shelving and storage areas. Particular attention should be given to treating cracks and crevices and other harborage areas. Remove all utensils, uncovered foodstuffs (or any with package opened), shelf paper and other objects before spraying. Allow treated surfaces to dry and cover shelves with clean paper before replacing any utensils, foodstuff or other items. Any foodstuff accidentally contaminated with spray dilution should be discarded.

For stored product pest control of exposed adult and immature stages of insect pests, apply to cracks, crevices, and other surfaces where the pests have been seen or has harborage. Treat warehouses, production facilities, storage areas, rail cars, truck beds and other areas where products are stored before filling with the product. TEMPO 2 may be used by pest control operators and grain producers to treat grain storage facilities and other areas noted above for stored product pest control. Cleaning of all areas prior to use of TEMPO 2 will increase levels of control. Any foodstuffs infested with pests should be removed and destroyed.

For premise pest control make application to rugs, carpeting beneath furniture, in closets and storage areas where these pests normally feed or hide. Do not apply to entire floor area. Applications to furniture should be restricted to those areas where no prolonged contact by humans will occur. Avoid contact with treated surfaces until dry. Remove or tightly cover fish tanks and disconnect aerators during application. Pets should be removed from the area being treated during application and until treated surfaces are completely dry.

For aircraft pest control apply to cracks, crevices and other surfaces where the pests have been seen or have harborage. Applications can be made to carpet and upholstered surfaces where no prolonged contact by human skin will occur. Applications should not be made when passengers or non-essential personnel are present in the immediate or treated area. All surfaces should be dry prior to re-entry by passengers or other personnel.

For use by pest control operators or livestock producers in livestock housing structures (including poultry houses) and pet kennels to control crawling and flying insect pests. Apply as a general surface and/or a crack and crevice spray. Control will be enhanced when facilities are cleaned and interior applications are supplemented with exterior perimeter treatments. Do not make interior applications of TEMPO 2 in areas of facility where animals other than cattle or horses are present. Do not make applications to animal feedstuffs or watering equipment.

FLYING INSECT PEST CONTROL

(General Surface Spray)

For control of flying insects indoors make application to surfaces as directed under Directions For Use, where the pests collect or rest. **Do not apply as a "space spray" application.**

OUTDOOR PEST CONTROL

For control of flying insects outdoors use a 0.05% to 0.1% dilution and make applications to outside surfaces of buildings, porches, patios, garages and other areas where these pests have been seen or found. Use a 0.1% dilution and make pin stream applications directly to the nests of wasps, yellow jackets and hornets.

For perimeter pest control, make a general surface application to outside surfaces of buildings, porches, patios, garages and other adjacent areas where pests have been seen or found. To help prevent infestations of buildings by occasional invaders, treat soil, turf or other substrates adjacent to buildings, the building foundation, walls, around doors and windows, soffit areas where these pests are active and may find entrance or harborage. Apply a minimum of 6 milliliters of TEMPO 2 per 1000 sq ft in sufficient water to provide adequate coverage.

For control of the imported red fire ant, use a 0.1% dilution of TEMPO 2 and thoroughly drench or inject the entire mound area. Treat all areas of the mound showing activity to provide contact control of the adult fire ants. TEMPO 2 will provide contact activity and residual repellency in the active mound.

When using the injection treatment method for control of the imported red fire ant, it is essential that treatment be made to the bottom of the active mound. Apply dilution or sufficient volume of foam throughout

the mound using a downward and upward motion of the injector tool. Multiple injection sites may be needed to ensure complete distribution of the dilution or foam throughout the active mound.

Do not use TEMPO 2 to treat fire ant mounds in any food crop production area, pasture or area where food crop production may occur.

CONTROL OF WOOD INFESTING PESTS

For control of **wood infesting beetles** on surfaces in homes and other structures, apply a 0.1% dilution of TEMPO 2. For treatment of small areas, apply by brushing or spraying the suspension evenly on wood surfaces. For large or overhead areas of homes, apartment buildings, etc, apply as a coarse spray to thoroughly cover the area. Cover all surfaces below the area being sprayed with plastic sheeting or other material which can be disposed of by placing in trash if contamination from dripping occurs. Sprayed surfaces should be avoided until the treated area is completely dry.

For control of **above-ground termites and wood-infesting beetles** in localized areas, apply a 0.1% dilution or sufficient volume of foam of TEMPO 2 to voids and galleries in damaged wood, and in spaces between wooden structural members and between the sill plate and foundation where wood is vulnerable. Applications may be made to inaccessible areas by drilling, and then injecting the dilution or foam with a suitable directional injector into the damaged wood or wall voids. Termite carton nests in building voids may be injected with 0.1% dilution or foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. It is desirable to physically remove carton nest material from building voids when such nests are found. Application to attics, crawl spaces, unfinished basements, or man-made voids may be made with a coarse fan spray of 0.1% dilution to control 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.

For control of **swarming or reproductive stages of termites**, apply a 0.1% dilution to the swarm or area on which they collect.

For control of **above-ground termites** inside trees, utility poles, fencing and decking materials and similar structural members, drill to find the

interior infested cavity and inject 0.1% dilution or foam using an appropriate treatment tool with a splashback guard.

Termite carton nests in trees may be injected with 0.1% dilution or foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. It is desirable to physically remove carton nest material from trees when such nests are found.

For protection of **firewood from carpenter ants and termites**, treat soil beneath firewood prior to stacking with a 0.1% dilution at 1 gallon per 8 square feet to prevent carpenter ant or termite infestation. For control of carpenter ants in houses and other structures, use a 0.1% dilution and apply as a general surface, spot, crack and crevice or wall void application. Repeat treatments when necessary. Apply around doors and windows and other places where carpenter ants may enter the premises. Spray or foam into cracks and crevices or through small drilled holes into voids where these ants or their nests are present. Use a sufficient amount of coarse spray or foam to cover the area. Do not exceed 1 gallon of dilution per 1000 square feet of treated surface.

For control of **carpenter ants** inside trees, utility poles, fencing and decking materials and similar structural members, drill to find the interior infested cavity and inject 0.1% dilution or sufficient volume of foam using an appropriate treatment tool with a splashback guard. Repeat as needed.

For control of **tunneling carpenter ants** in soil, apply a 0.1% dilution as a drench or inject the dilution or foam at intervals of 8 to 12 inches. Establish a uniform vertical barrier at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surfaces.

For control of **carpenter bees in structures**, use a 0.1% dilution and spray the liquid directly into gallery entrance holes. Following treatment, the entrance holes may be left open 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.

FOAM APPLICATION USE DIRECTIONS: Mix end-use dilution of TEMPO 20 WP with manufacturer's recommended volume of foaming agent. For a 0.05 to 0.1% foam concentration, foam 8 to 16 milliliters of TEMPO 2 formulation per gallon of pre-foam dilution.

PESTS CONTROLLED BY TEMPO*

I. INDOOR PREMISE PESTS			II. FOOD PROCESSING PESTS	IV. OUTDOOR/PERIMETER PESTS
1. Crawling Pests	2. Flying Pests	3. Pantry & Stored Product Pests	(Same crawling & flying pests, pantry & stored product pests as for INDOOR PREMISE) and	Ants
Ants (except Pharaoh)	Clothes moths	Beetles (exposed adults & immature stages)	Fruitflies	Bees
Bedbugs	Flies	Cadelle	Phoridflies	Boxelder bugs
Carpet beetles	Gnats	Cigarette	Sciaridflies	Carpenter ants
Centipedes	Midges	Confused Flour		Cecidflies
Cockroaches	Mosquitoes	Dermestid		Centipedes
American	Moths	Drug-store		Clusterflies
Asian	Wasps	Granary weevil		Cockroaches
German	Yellow-jackets	Hide		Crickets
Oriental		Larder	III. WOOD INFESTING PESTS	Elm leaf beetle
brown-banded		Leather	Beetles	Fire ants
smoky brown		Lesser grain borer	Ambrosia	Firebrats
Crickets		Merchant grain	Deathwatch	Flies
Darkling beetles		Mealworm	False powderpost	Fleas
Earwigs		Red flour	Old house borer	Gnats
Firebrats		Rice weevil	Powderpost	Ground beetles
Millipedes		Sawtoothed grain	Carpenter ants	Hornets
Pillbugs		Warehouse	Carpenter bees	Imported red fire ants
Silverfish		Moths	Termites	Midges
Sowbugs		Indian meal	Subterranean	Millipedes
Spiders		Mediterranean flour	Formosan	Mosquitoes
			Drywood	Moths
				Scorpions
				Silverfish
				Spiders
				Ticks
				Wasps
				Yellow-jackets

* For GENERAL SURFACE APPLICATION, use 8 milliliters of TEMPO 2 per 1000 square feet in sufficient water to adequately cover the area being treated. Under conditions of severe pest infestation or when quicker knock-down and/or longer residual control is needed, use 16 milliliters of TEMPO 2 per 1000 sq ft.
 For SPOT, OR CRACK AND CREVICE APPLICATIONS, mix 8 milliliters TEMPO 2 in one gallon of water to make a 0.025% active ingredient concentration. Under conditions of severe pest infestation or when quicker knockdown and/or longer residual control is needed, mix 16 milliliters of TEMPO 2 in one gallon of water to make a 0.1% active ingredient concentration.

GENERAL INFORMATION

FOR TURF AND LANDSCAPE ORNAMENTAL PEST CONTROL

When used at recommended rates and as directed under RECOMMENDED APPLICATIONS, TEMPO 2 Insecticide will control the designated pests on trees, shrubs, foliage plants and flowers in outdoor landscaped areas such as parks, recreational areas, athletic fields, institutional grounds, etc., and interior plantscapes (such as in hotels, shopping malls, office buildings, etc.) where these plants are grown. TEMPO 2 Insecticide also controls designated pests in landscape and recreational turfgrass including home lawns, business and office complexes, shopping complexes, multi-family residential complexes, airports, cemeteries, parks, playgrounds and athletic fields, and other landscape turfgrass.

NOTE: Not for use in commercial greenhouses, nurseries, on sod farms or grass grown for seed. Not for use on golf course turf.

APPLICATION TO ORNAMENTALS: TEMPO 2 Insecticide mixes readily with water and may be used in all types of spray equipment. Mix product with the required amount of water and apply as a dilute spray application to the point of runoff but do not allow runoff to occur. When spraying hard-to-wet foliage such as holly, pine or ivy, the addition of a

spreader/sticker may enhance both knockdown and residual activity. If concentrate or mist type spray equipment is used, an equivalent amount of product should be used on the area sprayed, as would be used in a dilute application. Phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions and no phytotoxicity has been observed. It is advised to pre-spray a selection of ornamentals if local use experience is unavailable. Time applications to flowering plants during periods when pollinating insects are not present, such as early morning or late evening.

APPLICATIONS ON TURF: TEMPO 2 Insecticide mixes readily with water and/or various fertilizer solutions and can be used in appropriate spray equipment to treat listed turfgrass. Applications should be made with accurately calibrated equipment and applied uniformly, using a coarse, large droplet, spray application procedure. Do not allow drift onto ponds, streams, or lakes. For optimum control of armyworms, cutworms and sod webworms, delay irrigation and mowing for at least 24 hours following the application. Keep children and pets off treated areas until lawn has dried following the application.

TANK MIXING: The user, at his or her discretion, can tank mix pesticides currently registered for similar use patterns, unless the product labels specifically prohibit such use. No label dosage rates should be exceeded. For example, TEMPO 2 Insecticide can be tank mixed with MERIT 75 WSP Insecticide for use on turf and landscape ornamentals in accordance with the more (most) restrictive of label limitations and precautions. When tank mixing TEMPO 2 Insecticide with MERIT 75 WSP Insecticide, add the MERIT to the tank first while agitating. After the water-soluble packaging is fully dissolved and the powder is fully dispersed, then add the TEMPO 2 Insecticide.

COMPATIBILITY: TEMPO 2 Insecticide has been found to be compatible with all commonly used fungicides, miticides, liquid fertilizers and other insecticides. Check physical compatibility using the correct proportion of products in a small jar if local experience is unavailable. Do not apply this product through any type of irrigation system.

RECOMMENDED APPLICATIONS

CROP	PEST		DOSAGE TEMPO 2	REMARKS
LANDSCAPE ORNAMENTALS (Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)	Ants*	Leafrollers	45 mL (1.5 fl oz) Per 100†Gal	Applications should be started prior to establishment of high pest populations and reapplication made as necessary. Good spray coverage is necessary to provide the most effective level of control. Addition of a spreader/sticker at recommended rates may enhance control of insects on certain species of ornamentals having hard-to-wet foliage. *The use of TEMPO 2 Insecticide for the control of ants, crickets, spiders, midges, wasps, flies and mosquitoes is limited to ornamental areas and areas adjacent to buildings. Apply as a general spray, concentrating on damp areas beneath shrubbery, around foundations and in areas of tall grass or weeds. Do not apply to any food crop. Remove any animal feeding dishes prior to treatment and do not allow spray or drift to contact fish-bearing water. **Outdoor cockroach control (including Asian cockroaches) is obtained by spraying hiding or resting places such as under shrubbery, in ground covers and mulching materials, in hollow trees, etc.
	Aphids	Mealybugs		
	Armyworms	Midges*		
	Azalea caterpillars	Mosquitoes*		
	Bagworms	Oleander moth larvae		
	Boxelder bugs	Orchid weevil		
	Bristly roseslugs	Pear psylla		
	Budworms	Peppertree psyllid		
	California oakworms	Pillbugs		
	Cankerworms	Pine tip moths		
	Casebearers	Pine shoot moths		
	Clover mites	Plant bugs		
	Cockroaches**	Redhumped caterpillars		
	Crickets*	Sawfly larvae		
	Cutworms	Scale insects (crawler stages)		
	Elm leaf beetles	Sowbugs		
	Elm spanworms	Spiders*		
	Flea beetles	Spittlebugs		
	Flies*	Striped oakworms		
	Fungus gnats	Striped beetles		
	Grasshoppers	Tent caterpillars		
	Gypsy moth larvae	Thrips		
	Japanese beetles (adult)	Ticks (including deer ticks)		
	June beetles (adult)	Tussock moth larvae		
	Lace bugs	Wasps*		
Leaf skeletonizers	Webworms			
Leaf-feeding caterpillars	Whitflies			
Leafhoppers	Yellownecked caterpillars			

RECOMMENDED APPLICATIONS				
CROP	PEST		DOSAGE TEMPO 2	REMARKS
LANDSCAPE AND RECREATIONAL TURFGRASS (including home lawns, business and office complexes, shopping complexes, multi-family residential complexes, airports, cemeteries, parks, playgrounds and athletic fields, and other landscape turfgrass)	Ants	Grasshoppers	4 to 6 mL per 1000 sq ft	Apply when pests first appear. Reapply when necessary based on pest reinfestations, not exceeding 6 applications per year. Delay watering or mowing for 24 hours for optimum control of armyworms, cutworms, and sod webworms. Keep children and pets off treated areas until grass has dried following the application.
	Armyworms	Japanese beetles (adult)	or 5.9 to 8.9 fl oz per acre	
	Crickets	Sod webworms		
	Cutworms	Ticks (including deer tick)		
	Earwigs			
	Bluegrass (adult)	billbug	6 mL per 1000 sq ft	*Aids in control only.
	Chinch bugs	Fleas	or 8.9 fl oz per acre	
	Chiggers	Hyperodes (adult)		
	Fire ants*	Mole crickets		
		Scorpions		
		weevil		

RESTRICTIONS FOR TURFGRASS APPLICATION

Do not apply this product by aerial application or by any type of chemigation system. Do not apply when the average windspeed is greater than 15 mph. Apply product using spray nozzles which produce a coarse droplet size, such as flood jet nozzles. Do not apply when turfgrass areas are water-logged or the soil is saturated with water (i.e. will not accept irrigation). Use this product only as directed on label.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product.

If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Bayer Environmental Science's control it is impossible for Bayer Environmental Science to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER ENVIRONMENTAL SCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

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STORAGE AND DISPOSAL

Not for Storage in or Around the House
Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking invert to prevent leakage. If the container is leaking or material 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. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Environmental Science Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577 or contact Chemtrec at 800-424-9300.

Pesticide Disposal: Pesticide wastes are acutely 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: Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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