

432-1303

02/08/2005

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ACCEPTED

FEB - 8 2005

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 432-1303



TEMPO® 1

INSECTICIDE *Specimen Label*

- For commercial use.
- For broad-spectrum control of crawling small flying insect pests.

ACTIVE INGREDIENT:

β-Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)- 2,2-dimethylcyclopropanecarboxylate 12.70%

OTHER INGREDIENTS*: 87.30%

Total: 100.00%

Contains 1 lb cyfluthrin per gallon.
 Contains petroleum distillate.
 (*This product contains xylene-range, aromatic solvents.)

EPA Reg. No. 432-1303

EPA Est. No.

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

WARNING-AVISO

PRECAUCION AL USUARIO: Si usted no entiende la etiqueta, busque a alguien para que se la etiqueta le haya sido explicada ampliamente.
 (TO THE USER: If you do not understand the label, find someone to explain it to you in detail.)

PRECAUTIONARY STATEMENTS

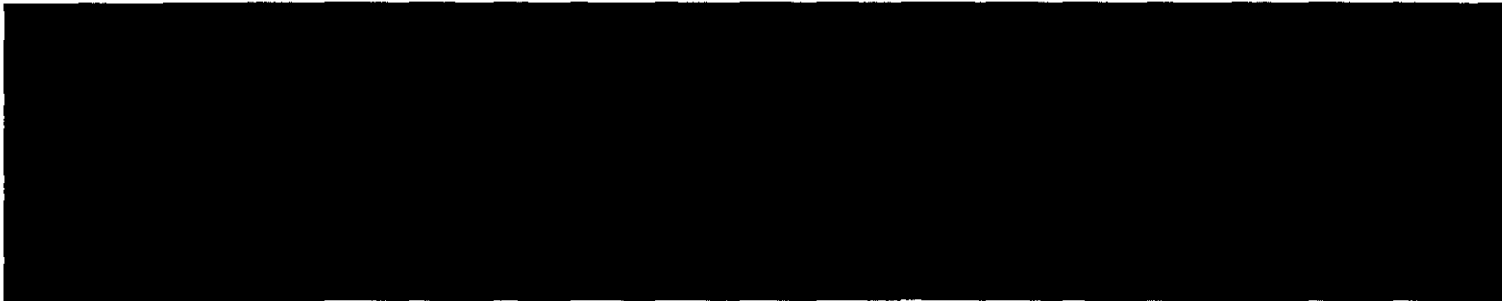
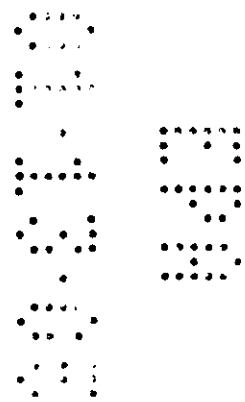
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Do not get in eyes. Avoid contact with skin or clothing. Wear protective eyewear (goggles, face shield or safety glasses). Wear long-sleeved shirt and long pants, socks, shoes and chemical resistant gloves (such as Barrier laminate, Butyl rubber, Nitrile rubber, or Viton). Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

NET CONTENTS:

USER SAFETY RECOMMENDATIONS: Wash thoroughly with soap and water after handling and before

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FIRST AID	
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. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything to an unconscious person. • Do not give any liquid to the person.
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 ON SKIN OR CLOTHING:	<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.
<p>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. Contains petroleum distillate - vomiting may cause aspiration pneumonia.</p> <p>Note To Physician: May pose aspiration pneumonia hazard. Contains petroleum distillate.</p>	

eating, drinking, chewing gum or using tobacco. Remove and wash clothing 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. For terrestrial uses, 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 1 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.

PHYSICAL OR CHEMICAL HAZARDS

Combustible: Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

Keep children, and pets out of treated areas until surfaces are dry.

When making applications or handling the undiluted material, wear a respirator when making general surface overhead treatment.

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

GENERAL INFORMATION

TEMPO 1 Insecticide is a liquid formulation containing 1 lb active ingredient per gallon, which will provide effective knockdown and residual control of the pests listed in this label.

TEMPO 1 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, bak-

eries, 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 (structures only), 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.

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.

Do not apply to institutions (including libraries, sports facilities, etc.) in the immediate area when occupants are present.

TEMPO 1 is intended to be mixed with water and applied with hand pressurized or power operated sprayers. 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 1 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, page 5. 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 1 per 1000 sq ft (see Note 1) in sufficient water to adequately cover the area being treated, but which will not allow dripping or run-off 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

Type of Surface	Quarts/1000 Sq Ft	Gallons/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

knock-down and/or longer residual control is needed, use 16 milliliters of TEMPO 1 per 1000 sq ft.

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

SPOT, CRACK AND CREVICE APPLICATIONS: Mix 8 milliliters of TEMPO 1 in one gallon of water to make a dilution of 0.025% active ingredient concentration (see Note 3). Use a low pressure system with a horn-point or variable pattern nozzle to apply the suspension in specific areas such as: cracks and crevices in or behind baseboards, in floors, walls, expansion joints, areas around water and sewer pipes, wall joints, 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 1 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 knock-down and/or longer residual control is needed, mix 16 milliliters of TEMPO 1 in one gallon of water to make a dilution of 0.05% active ingredient concentration.

EXTENDED COCKROACH CONTROL WITH INSECT GROWTH REGULATORS: Use TEMPO 1 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 1 and the IGR of choice by adding the TEMPO 1 first and making sure it's a well mixed dilution, then adding the correct amount of IGR according to it's 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 1 and the label for the IGR of choice for additional precautions, restrictions, limitations, and application information.

FOOD/FEED HANDLING ESTABLISHMENT

APPLICATIONS: TEMPO 1 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.

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 1 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 1 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 1 in areas of facility where animals are present. Do not make applications to animal feedstuffs or watering equipment. Pets should be treated with a product registered for flea and tick control. Also, treat your yard with a product registered for yard application.

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

As an aid in controlling flying insects outdoors use a 0.025% to 0.05% 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 0.05% 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 1 per 1000 sq ft in sufficient water to provide adequate coverage.

For aid in control of the imported red fire ant, use a 0.05% dilution of TEMPO 1 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 1 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 throughout the downward and upward motion of the injector tool. Multiple injection sites may be needed to ensure complete distribution of the suspension throughout the active mound.

Do not use TEMPO 1 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 0.05% dilution of TEMPO 1. 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 0.05% dilution of TEMPO 1 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 suspension with a suitable directional injector into the damaged wood or wall voids. Termite carton nests in building voids may be injected with 0.05% dilution 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 0.05% 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.

0.05% 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 0.05% dilution using an appropriate treatment tool with a splashback guard.

Termite carton nests in trees may be injected with 0.05% dilution 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 0.05% 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 0.05% 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 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 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 0.05% dilution using an appropriate treatment tool with a splashback guard. Repeat as needed.

For control of tunneling carpenter ants in soil, apply a 0.05% dilution as a drench or inject the dilution at intervals of 8 to 12 inches, using 1 quart of the dilution per linear foot. 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 0.05% 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.

For control of swarming or reproductive stages of termites, apply a

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

IV. OUTDOOR /PERIMETER PESTS			
Ants	Cockroaches	Gnats	Moths
Bees	Crickets	Ground beetles	Scorpions
Boxelder bugs	Elm leaf beetle	Hornets	Silverfish
Carpenter ants	Fire ants	Imported red fire ants	Spiders
Cecidflies	Firebrats	Midges	Ticks
Centipedes	Flies	Millipedes	Wasps
Clusterflies	Fleas	Mosquitoes	Yellow jackets

* For GENERAL SURFACE APPLICATION, use 8 milliliters of TEMPO 1 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 1 per 1000 sq ft.

For SPOT, OR CRACK AND CREVICE APPLICATIONS, mix 8 milliliters TEMPO 1 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 1 in one gallon of water to make a 0.05% active ingredient concentration.

STORAGE AND DISPOSAL

Not For Storage In or Around the House

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Disposal: 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: Do not use container in connection with food, feed, or drinking water. Completely empty packets into application equipment. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. 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. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed 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.

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.

DISCLAIMER OF WARRANTIES: BAYER ENVIRONMENTAL SCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer Environmental Science is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Bayer Environmental Science disclaims any liability whatsoever for special, incidental or consequential damages, resulting from the use or handling of this product.

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Bayer Environmental Science

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