

**RESTRICTED USE PESTICIDE**

Due to toxicity to fish and aquatic organisms.

For retail sale to, and use only by, Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

# Tempo<sup>®</sup> 20 WP Golf Course Insecticide

## In Water Soluble Packets

For broad-spectrum control of insect pests infesting turf, trees and ornamentals on residential and commercial sites including golf courses.

**ACTIVE INGREDIENT:**

Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl-3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate ..... 20%

**INERT INGREDIENTS:** ..... 80%  
100%

EPA Reg. No. 432-1338

EPA Est. No. \_\_\_\_

Keep Water Soluble Packets in this Container.  
 Store in a Cool Dry Place but Not below Freezing (32° F).  
 Dealers Should Sell in Original Packages Only.

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

**CAUTION**

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.)

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<b>If on skin</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<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</p>	

**NOTE TO PHYSICIAN:** No specific antidote is available. Treat the patient symptomatically. **SYMPTOMS OF POISONING:** In case of poisoning, call physician or Poison Control Center immediately. Have patient lie down and keep quiet.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

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

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 run off 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 Tempo 20 WP Golf Course Insecticide in Water Soluble Packets 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 contaminate feed or food. Keep out of reach of children.

Do not allow children or pets to enter treated areas until surfaces are dry.

#### STORAGE AND DISPOSAL

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 containers and out of the reach of children, preferably in a locked storage area.

Handle and open pouch 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.

**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:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

### GENERAL INFORMATION

When used at recommended rates and as directed under RECOMMENDED APPLICATIONS, Tempo 20 WP Golf Course Insecticide in Water Soluble Packets will control the designated pests on trees, shrubs, foliage plants and flowers in outdoor landscaped areas and interior plantscapes where these plants are grown. Tempo 20 WP Golf Course Insecticide in Water Soluble Packets also controls designated pests in turf grasses.

**NOTE: Not for use in commercial greenhouses, nurseries, sod farms or grass grown for seed. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.**

**MIXING:** Within each pouch is a clear inner packet containing TEMPO 20 WP. The clear inner packet is **water soluble**. Do not allow packets to become wet prior to adding to the spray tank. Do not handle the clear inner packets with wet hands or wet gloves. Rough handling may cause breakage. Reseal pouch to protect remaining packets.

To prepare the spray mixture, drop the required number of **unopened** clear water soluble packets, as determined under "Recommended Applications", into the spray tank while filling with water to the desired level. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within a few minutes from the time they are added to the water. Cooler water temperatures increase the time needed for the packet to dissolve completely.

**CAUTION:** Do not use Tempo 20 WP Golf Course Insecticide in Water Soluble Packets in a tank-mix with products that contain Boron or release free chlorine. The resultant reaction of the polyvinyl alcohol (PVA) packaging and boron or free chlorine is a plastic which is not soluble in water or solvents such as diesel oils, kerosene, gasoline or alcohol. Tempo 20 WP Golf Course Insecticide in Water Soluble Packets is compatible with chlorinated water. Do not attempt to use the WSP packets directly in diesel oils or summer spray type oils as in ULV or LV uses. PVA packets are water soluble not oil soluble.

**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 20 WP Golf Course Insecticide in Water Soluble Packets 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 20 WP Golf Course Insecticide in Water Soluble Packets with MERIT 75 WSP Insecticide, the mixing sequence does not matter.

**COMPATIBILITY:** Tempo 20 WP Golf Course Insecticide in Water Soluble Packets 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.

**RESISTANCE MANAGEMENT RECOMMENDATIONS**

Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area. Tempo 20 WP Golf Course Insecticide contains Group 3 insecticides. Insect biotypes with acquired or inherent resistance to Group 3 insecticides may eventually dominate the insect population if Group 3 insecticides are used repeatedly as the predominant method of control for targeted species.

**APPLICATION ON ORNAMENTALS:** Tempo 20 WP Golf Course Insecticide in Water Soluble Packets 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 run-off. When spraying hard-to-wet foliage such as holly, pine or ivy, the addition of a spreader/sticker may enhance both knock-down 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.

**Recommended Applications for Landscape Ornamentals**

(Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)

PEST				DOSAGE TEMPO 20 WP Golf Course Insecticide in Water Soluble Packets
Ants*	Elm leaf beetles	Midges*	Spiders*	55 grams (1 Packet) Per 100 Gallons of Water
Aphids	Emerald ash borer (adult)***	Mosquitoes*	Spittlebugs	
Armyworms		Oleander moth larvae	Striped beetles	
Azalea caterpillars	Elm spanworms	Orchid weevil	Striped oakworms	
Bagworms	Flea beetles	Pear psylla	Tent caterpillars	
Boxelder bugs	Flies*	Peppertree psyllid	Thrips	
Bristly rose slugs	Fungus gnats	Pillbugs	Ticks (including deer ticks)	
Budworms	Grasshoppers	Pine shoot moths	Tussock moth larvae	
California oakworms	Gypsy moth larvae	Pine tip moths	Walnut caterpillars	
Cankerworms	Japanese beetles (adult)	Plant bugs	Wasps*	
Casebearers	June beetles (adult)	Redhumped caterpillars	Webworms	
Clover mites	Lace bugs	Sawfly larvae	Whiteflies	
Cockroaches**	Leaf-feeding caterpillars	Scale insects (crawler stages)	Yellownecked caterpillars	
Crickets*	Leafhoppers	Sowbugs		
Cutworms	Leafrollers			
	Leaf skeletonizers			
	Mealybugs			

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 20 WP Golf Course Insecticide in Water Soluble Packets 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.

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

**APPLICATIONS ON TURF:** Tempo 20 WP Golf Course Insecticide in Water Soluble Packets mixes readily with water and/or various fertilizer solutions and can be used in appropriate spray equipment. Applications should be made with accurately calibrated equipment

and applied uniformly, using a coarse, large droplet, spray applications 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.

<b>Recommended Applications for Turfgrass</b>				
(including golf courses, home lawns, around business and office complexes and multifamily residential complexes, airports, cemeteries, parks, playgrounds and athletic fields, and other landscape turfgrass)				
<b>PEST</b>				<b>DOSAGE TEMPO 20 WP Golf Course Insecticide in Water Soluble Packets</b>
Ants Armyworms Crickets	Cutworms Earwigs	Grasshoppers Japanese beetles (adult)	Sod webworms Ticks (including deer ticks)	55 grams (1 Packet) Per 7800 to 11,000 sq ft
Black turfgrass ataenius (adults) Bluegrass billbug (adult) Chinch bugs	Chiggers Fire ants*	Fleas Hyperodes weevil (adult)	Mole crickets Scorpions	55 grams (1 Packet) Per 7800 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 lawn has dried following the application.				
* Aids in control only.				

#### **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.

To avoid risk to sensitive aquatic areas, do not make applications within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

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.

Do not water the treated area to the point of run-off. Do not make applications during rain. Application is prohibited directly into sewers or drains, or to any area like a 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.

## 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 must be followed carefully. However, because of manner of use and other factors beyond Bayer CropScience's LP control it is impossible for Bayer CropScience LP 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:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP 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 CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, Bayer CropScience LP disclaims any liability for special, incidental or consequential damages, resulting from the use or handling of this product.

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Tempo® 20 WP Golf Course Insecticide in Water Soluble Packets is specially formulated and sold by Bayer Environmental Science for the control of selected insects according to the directions on this label. Uses of Tempo® 20 WP Golf Course Insecticide in Water Soluble Packets other than those specified on this label are not licensed or otherwise authorized through the purchase of this product and the use of this product for other purposes including research and/or experimental uses are expressly prohibited.

Produced for



Bayer Environmental Science

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