


PM-13

Reg #: 3125-461

September 1995

	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number  3125-461	Date of Issuance:  06 SEP 1995
		Term of Issuance: Conditional	
		Name of Pesticide Product: Tempo 2 Golf Course Insecticide	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration  (under FIFRA, as amended)			
Name and Address of Registrant (include ZIP Code): BAYER Corp. PO Box 4913 8400 Hawthorn Rd. Kansas City, MO 64120-0013			
<b>Note:</b> 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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.  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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:			
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.			
2. Make the following label changes:  a. Revise the EPA Registration Number to read, "EPA Reg. No. 3125-461".  b. Under the subheading NOTE add the additional exclusionary statement: "Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes."			
Signature of Approving Official:		Date:	

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- c. Change the buffer zone statement to read as follows:  
"...do not make applications within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds."
- d. Under recommended applications you should qualify the site "Turfgrass" with "(including golf courses, around home lawns, business and office complexes, multi-family residential complexes, airports, cemeteries, parks, playgrounds and athletic fields, and other landscape turfgrass)".
- e. Under Environmental Hazards delete "For terrestrial uses." This phrase incorrectly implies that your product has aquatic uses.

3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

George T. LaRocca  
Product Manager (13)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

# TEMPO 20 WP Golf Course Insecticide

XXX-8485.YLD

Base Pre-Reg (8485)

U.S. LABEL

Reason to Issue: To propose registration of product for golf course use.

Date of Draft: 04/04/95 (Pre-Reg)(S)

## 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 20 WP Golf Course Insecticide

FOR COMMERCIAL USE ONLY  
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-dimethylcyclopropanecarboxylate .....

20%

INERT INGREDIENTS: .....

80%

100%

EPA File Symbol No. 3125-XXX

EPA Est. No. 3125-MO-1

TOTAL NET CONTENTS: 600 GRAMS

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF THE REACH OF CHILDREN

## CAUTION

See Rear Panel for Statements of Practical Treatment and Other Precautionary Statements

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.)

**Bayer** 

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

06 SEP 1995

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

3125-461

TEMPO 20 WP GOLF COURSE INSECTICIDE

## 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.

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. Wash thoroughly with soap and warm water after handling. Remove contaminated clothing and wash before reuse.

**SYMPTOMS OF POISONING:** In case of poisoning, call physician or Poison Control Center immediately. Have patient lie down and keep quiet.

### STATEMENTS OF PRACTICAL TREATMENT

**If in eyes:** Hold eyelids open and flush with plenty of water. Call a physician if irritation persists. **If swallowed,** call a physician or Poison Control Center. Administer water freely and induce vomiting by giving one dose (1/2 oz or 15 ml) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is

clear. Never give anything by mouth to an unconscious person. Avoid alcohol. **If on skin:** Wash thoroughly with soap and water. Get medical attention if irritation occurs. **If inhaled,** remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

**TO PHYSICIAN:** No specific antidote is available. Treat the patient symptomatically.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. For terrestrial uses, do not apply directly to water, or 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 20 WP 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.

### DIRECTIONS FOR USE

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

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using TEMPO 20 WP Insecticide.

**CONDITIONS OF SALE:** THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR

INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. BAYER OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF BAYER AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

Do not formulate this product into other end-use products.

## GENERAL INFORMATION

TEMPO 20 WP Insecticide 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.

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.

One level spoonful (as provided) or one level tablespoonful equals 6 grams. Do not re-use measuring utensils for feed, food, or drinking water purposes.

When used at recommended rates and as directed under **RECOMMENDED APPLICATIONS**, TEMPO 20 WP Insecticide 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 Insecticide also controls designated pests in turf grasses.

**NOTE:** Not for use in commercial greenhouses, nurseries, sod farms or grass grown for seed.

**APPLICATION ON ORNAMENTALS:** TEMPO 20 WP 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 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.

**APPLICATIONS ON TURF:** TEMPO 20 WP Insecticide 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. Keep children and pets off treated areas until lawns have dried following application.

**COMPATIBILITY:** TEMPO 20 WP 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			
CF OP	PEST	DOSAGE TEMPO 20 WP	REMARKS
Landscape Ornamentals (Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)	Armyworms Azalea caterpillars Bagworms Bristly rose slugs California oakworms Cankerworms Crickets* Cutworms Elm spanworms Flies* Fungus gnats Gypsy moth larvae Lace bugs Leaf-feeding caterpillars Midges* Mosquitoes* Oleander moth larvae Pillbugs Pine shoot moths Pine tip moths Redhumped caterpillars Sawfly larvae Sowbugs Spiders* Striped oakworms Tent caterpillars Tussock moth larvae Walnut caterpillars Webworms Yellownecked caterpillars	36 grams (1.3 oz) Per 100 Gal.	<p>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 surfaces.</p> <p>*The use of TEMPO 20 WP 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.</p>

RECOMMENDED APPLICATIONS			
CROP	PEST	DOSAGE TEMPO 20 WP	REMARKS
Landscape Ornamentals (Continued) (Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)	Ants* Aphids Boxelder bugs Budworms Casebearers Clover mites Cockroaches** Elm leaf beetles Flea beetles Grasshoppers Japanese beetles (adult) June beetles (adult) Leafhoppers Leafrollers Leaf skeletonizers Mealybugs Orchid weevil Pear psylla Peppertree psyllid Plant bugs Scale insects (crawler stages) Spittlebugs Striped beetles Thrips Ticks (including deer ticks) Tussock moth larvae Wasps* Whiteflies	54 grams (1.9 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 crickets, spiders, midges, 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.
	Ants Armyworms Crickets Cutworms Earwigs Grasshoppers Japanese beetles (adult) Sod webworms Ticks (including deer ticks)	5 grams per 1000 sq ft or 7.7 oz/A	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.
Turfgrass	Bluegrass billbug (adult) Chinch bugs Chiggers Fire ants* Fleas Hyperodes weevil (adult) Mole crickets Scorpions	7 grams per 1,000 sq ft or 10.75 oz/A	* Aids on 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 ponds, lakes, marshes, permanent streams, rivers, estuaries, and marine habitats.

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.

### STORAGE AND DISPOSAL

**Pesticide Disposal:** Do not contaminate water, food, or feed by storage or 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 container 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.

**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 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 above. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Kansas City Emergency Response Team Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

Sold by:  
Bayer Corporation  
Specialty Products  
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