

PM

13

3125-395

Page 1 of 8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

3005786080  
4415497991  
1713

2 - MAY 1995

Ms. Julie Spagnoli  
Bayer Corp.  
PO Box 4913  
8400 Hawthorn Rd.  
Kansas City, MO 64120-0013

Dear Ms. Spagnoli:

Subject: Labeling Amendments; Add Turf Use Around Commercial Structures  
Tempo 2 Lawn and Ornamental Insecticide  
EPA Registration No. 3125-352  
Tempo 20 WP Lawn and Ornamental Insecticide  
EPA Registration No. 3125-403  
Tempo 20 WP Lawn and Ornamental Insecticide in Water Soluble Packets  
EPA Registration No. 3125-395  
Your Applications Dated April 10, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- Under "Applications to Ornamentals" revise the statement, "...to the point of run-off" to read as follows: "...to the point of run-off but do not allow run-off to occur."
- Under Environmental Hazards delete "For terrestrial uses." This phrase incorrectly implies that your product has aquatic uses.

Submit three copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely,

George T. LaRocca  
Product Manager 13

178

CONCURRENCE Insecticide & Rodenticide Branch  
Registration Division (H7505C)

SYMBOL							
SURNAME	Helbert						
DATE	5-2-95						

**TEMPO 20 WP Lawn and Ornamental Insecticide**

395-8489.YLD

2 7 8  
Base Pre-Reg (8489)

U.S. LABEL

Reason to Issue: To propose use on landscape and recreational turf. 04/03/95 Draft: To exclude use on golf courses. To change company name.

Date of Draft: 04/03/95(Pre-Reg)(S)  
Supersedes Pre-Reg Draft Dated: 07/15/93

# TEMPO 20 WP

## Lawn and Ornamental Insecticide

In Water Soluble Packets

**FOR COMMERCIAL USE ONLY**  
**FOR BROAD-SPECTRUM CONTROL OF INSECT PESTS INFESTING**  
**RESIDENTIAL AND COMMERCIAL LAWNS, ORNAMENTALS AND TREES**

**ACTIVE INGREDIENT:**

Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate .....	20%
<b>INERT INGREDIENTS:</b> .....	<u>80%</u>
	100%

**KEEP WATER SOLUBLE PACKETS IN THIS CONTAINER AND STORE IN A COOL DRY PLACE BUT NOT BELOW FREEZING (32° F). DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY.**

CONTAINS EIGHT 50 GRAM WATER SOLUBLE PACKETS  
[FIVE 140 GRAM WATER SOLUBLE PACKETS]

EPA File Symbol No. 3125-395  
EPA Est. No. 3125-MO-1

TOTAL NET CONTENTS: 400 GRAMS  
[TOTAL NET CONTENTS: 700 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.

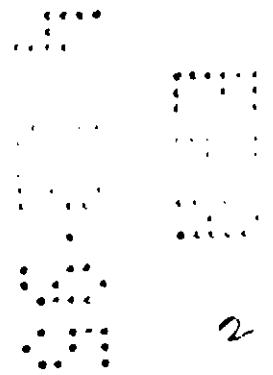
**(TO THE USER:** If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

APPROVED  
with COMMENTS  
by EPA Letter Dated

2 - MAY 1995



3125-395



2

**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. 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 Ornamental 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 Ornamental 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.

TEMPO 20 WP Ornamental Insecticide contains 20% active ingredient which will provide effective knockdown and residual control of the pests listed in this label.

This package contains pre-measured 50 gram (140 gram) water soluble (PVA) packets of TEMPO 20WP Ornamental Insecticide. Do not allow the inner packets to become wet before adding to the spray tank. Do not handle the clear inner packets of TEMPO 20 WP with wet hands or gloves. Rough handling may cause breakage. Do not store at temperatures below 32° F. Allow packages to warm above 50° F before use. Cooler water temperatures increase the time needed for the inner packet to dissolve completely.

**MIXING:** The enclosed packets containing TEMPO 20% WP Ornamental Insecticide are water soluble. Do not allow packet to become wet prior to adding to the spray tank. Do not handle with wet hands. Reseal outer carton to protect remaining packets.

To prepare the spray mixture, drop the required number of unopened packets, as determined under use instructions, 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 approximately 5 minutes from the time they were added to the water.

**TANK MIXING:** The user, at his discretion, can tank mix pesticides currently registered for use unless the product labels prohibit such use. 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.

When used at recommended rates and as directed under **RECOMMENDED APPLICATIONS**, TEMPO 20 WP Ornamental 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 20 WP Insecticide also controls designated pests on landscape turf, 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 sodfarms or grass grown for seed. Not for use on golf course turf.

**APPLICATION ON ORNAMENTALS:** TEMPO 20 WP Ornamental 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. When mixing a concentrated solution, additional time may be required to fully dissolve the PVA packet(s). 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 to treat listed turfgrass. 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 grass has dried following application.

**COMPATIBILITY:** TEMPO 20 WP Ornamental 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.



598

RECOMMENDED APPLICATIONS			
CROP	PEST	DOSAGE TEMPO 20 WP	REMARKS
Landscape Ornamentals (Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)	Armyworms	50 grams per 138 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 surfaces.
	Azalea caterpillars		
	Bagworms	140 grams per 386 gal	*The use of TEMPO 20 WP Ornamental 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.
	Bristly roseslugs		
	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		
	Webworms		
	Yellownecked caterpillars		

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 leafybugs 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	50 grams per 92.6 gal  140 grams per 259 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 20 Ornamental Insecticide for the control of ants and wasps 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.
CROP	PEST	DOSAGE TEMPO 20 WP	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 Armyworms Crickets Cutworms Earwigs Grasshoppers Japanese beetles (adult) Sod webworms Ticks (including deer ticks)	50 grams per 10,000 sq ft  140 grams per 28,000 sq ft	Apply when pests first appear. Reapply when necessary based on pest reinfestations. 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 on control only.
	Bluegrass billbug (adult) Chinch bugs Chiggers Fire ants* Fleas Hyperodes weevil (adult) Mole crickets Scorpions	50 grams per 7,143 sq ft  140 grams per 20,000 sq ft	



**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.

**STORAGE AND DISPOSAL**

**Not for Storage in or Around the House**

**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. After removing all PVA packets, carton or mar may be disposed of in trash.

**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  
Box 4913 Kansas City, MO 64120-0013

LABELING FOR PVA PACKET

**TEMPO 20 WP**  
**Ornamental Insecticide**

**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. 3125-395

**KEEP OUT OF THE REACH OF CHILDREN**

**CAUTION**

(Refer to Accompanying Manufacturer's Recommendations for Complete Directions for Use and Precautions)

NET WEIGHT 50 GRAMS

[NET WEIGHT 140 GRAMS]

