

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

3125-4479.1
3125-4479.2
17/15

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:

1. 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."
2. 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

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CONCURRENCE							
Insecticide & Rodenticide Branch							
Registration Division (H7505C)							
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U.S. GPO 1994 522 503/87085

TEMPO 2 Lawn and Ornamental Insecticide

352-8486.YLD

U. S. LABEL

Base Pre-Reg. (8486)

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: 07/02/93

TEMPO 2

Lawn and Ornamental Insecticide

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

ACTIVE INGREDIENT:

Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate	24.3%
INERT INGREDIENTS:	75.7%
	100.0%

(This product contains xylene-range, aromatic solvents)

Contains 2 pounds cyfluthrin per gallon.

EPA Est. 11556-KS-1

EPA Reg. No. 3125-352

Net Contents: ____ Milliliters

STOP - Read the Label Before Use

Keep Out of the Reach of Children

WARNING

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

AVISO

PRECAUCIÓN 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.)

ACCEPTED
with COMMENTS
in EPA Letter Dated

2 - MAY 1995

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

3125-352

Bayer 

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May cause eye injury. Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes or on clothing. Avoid breathing vapors or spray mist.

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

Wear goggles, face shield, or safety glasses, when handling the undiluted material. Wash hands, arms, and face thoroughly with soap and warm water after handling. Remove and wash contaminated clothing with soap and hot water before reuse.

STATEMENTS OF PRACTICAL TREATMENT

If in eyes: Hold eyelids open and flush with plenty of water. Get medical attention. **If swallowed:** Call a physician or Poison Control Center. Do not induce vomiting. Vomiting may cause an aspiration hazard. **If on skin:** Wash thoroughly with soap and water. Get medical attention if irritation occurs.

NOTE TO PHYSICIAN: Treat the patient symptomatically, taking into consideration that this formulation contains 34% aromatic petroleum distillates.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

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.

IMPORTANT: Read these entire Directions and Conditions of Sale before using TEMPO 2 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.

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

When used at recommended rates and as directed under RECOMMENDED APPLICATIONS, TEMPO 2 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 2 Ornamental 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.

TEMPO 2 Lawn and Ornamental Insecticide

APPLICATION TO ORNAMENTALS: TEMPO 2 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. 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 Ornamental 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.

COMPATIBILITY: TEMPO 2 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.

RECOMMENDED APPLICATIONS			
CROP	PEST	DOSAGE TEMPO 2	REMARKS
Landscape Ornamentals (Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)	Armyworms Azalea caterpillars Bagworms 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	30 milliliters (1 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 surfaces. *The use of TEMPO 2 Ornamental 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.

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TEMPO 2 Lawn and Ornamental Insecticide

RECOMMENDED APPLICATIONS			
CROP	PEST	DOSAGE TEMPO 2	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	45 milliliters (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 Ornamental 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.
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 Armyworms Crickets Cutworms Earwigs Grasshoppers Japanese beetles (adult) Sod webworms Ticks (including deer tick) Bluegrass billbug (adult) Chinch bugs Chiggers Fire Ants* Fleas Hyperodes weevil (adult) Mole crickets Scorpions	4 ml per 1000 sq ft or 5.9 fl oz per acre 6 ml per 1000 sq ft or 5.9 fl oz per acre	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. *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.

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

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

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.

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 compound and dispose of as directed for pesticides 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