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Mr. John S. Thornton
Manager, Registrations
Mobay Corporation
Agricultural Chemicals Division
P.O. Box 4913
Kansas City, MO 64120-0013

Dear Mr. Thornton:

Subject: Revised Labeling (Expand Ornamental Use Label)
TEMPO 2 Ornamental Insecticide
EPA Registration No. 3125-352
Your Amended Applications Dated June 24, 1988
and January 24, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

Submit five (5) 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 yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

Enclosure

50753:J:Heyward:LLR-19:KENCO:03/08/89:04/17/89:aw:VO:EK:CT

CONCURRENCES

SYMBOL	SURNAME	DATE						

352-6617.YLD

Base Pre-Reg. (6617)

U.S. LABEL

Reason to Issue: To propose modification of Recommended Applications section to include additional pests, and show specific rates for certain pests; 1/17/89 Draft: to include use in interior landscapes.

Date of Draft: 1/17/89 (Pre-Reg)(S)
Supersedes Pre-Reg Draft Dated: 7/30/86, 3/23/88, and 6/8/88.

EPA Reg. No. 3125-352

TEMPO™ 2

Ornamental Insecticide

FOR USE BY LAWN CARE AND LANDSCAPE APPLICATORS, AND COMMERCIAL NURSERYMEN

A GENERAL USE INSECTICIDE
FOR BROAD-SPECTRUM CONTROL OF
INSECT PESTS ON 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

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

NET CONTENTS

MILLILITERS

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 15 1989

Sold by:

MOBAY CORPORATION
A Bayer USA INC. COMPANY
AGRICULTURAL CHEMICALS DIVISION
Specialty Products Group
Box 4913, Kansas City, Missouri 64120

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
this product is registered under EPA Reg. No.
3125-352

TEMPO 2 Ornamental Insecticide

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. 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.

TEMPO 2 Ornamental Insecticide

AVISO

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.)

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. MOBAY 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 MOBAY AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

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 in nurseries and greenhouses, and interior plantscapes (such as in hotels, shopping malls, office buildings, etc.) where these plants are grown.

APPLICATION: 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.

Do not apply this product through any type of irrigation system.

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.

TEMPO 2 Ornamental Insecticide

RECOMMENDED APPLICATIONS

CROP	PEST	TEMPO 2	REMARKS
		per 100 gal	
Ornamentals (Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)	Armyworms	30 milliliters (1 fluid oz.)	Applications should be started prior to establishment of high pest populations and reapplications 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, round 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.
	Azalea caterpillars		
	Bagworms		
	Bristly roseslugs		
	California oakworms		
	Cankerworms		
	Crickets*		
	Cutworms		
	Elm spanworms		
	Flies*		
	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			

TEMPO 2 Ornamental Insecticide

RECOMMENDED APPLICATIONS

CROP	PEST	TEMPO 2	REMARKS
		per 100 gal	
Ornamentals (Continued) (Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)	Ants*	45 (milliliters 1.5 fl. oz.)	Applications should be started prior to establishment of high pest population and reapplications 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 any 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.
	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		
	Pear psylla		
	Plant bugs		
	Scale insects (crawler stages)		
	Spittlebugs		
Striped beetles			
Thrips			
Ticks			
Tussock moth larvae			
Wasps*			
Whiteflies			

TEMPO 2 Ornamental Insecticide

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.

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

TEMPO is a TM of Bayer AG, Germany.