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30 SEP 1996

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

Dear Ms. Spagnoli:

Subject: Addition of Fire Ants  
Tempo 0.1% Dust Insecticide  
EPA Registration No. 3125-429  
Laser 0.1% Dust Insecticide  
EPA Registration No. 3125-456  
Your Submissions Dated August 3, 1995 and January 30, 1996

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 change listed below before you release the product for shipment bearing the amended labeling:

1. For reg. no. 3125-429, under Directions for Use for Fire Ants, Red Harvester Ants, etc. change "turfgrass" to "lawns."
2. None of the labeling changes in the May 26, 1995 registration notice for Reg. No. 3125-456 were included on this proposed labeling. Please revise accordingly.

The efficacy data presented in MRID No. 438089-01 are adequate to support the claim for control of imported fire ants.

Submit five 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 (13)  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

# Tempo 0.1% Dust

429-8710.YLD

U. S. LABEL

Base Pre-Reg (8710)

Reason to Issue: To add use directions for control of fire ants, red harvester ants and pavement ants.  
08/01/95 Draft: To revise in accordance with internal comments. 01/22/96 Draft: To revise use directions for fire ant control.

Date of Draft: 01/22/96 (S)  
Supersedes Pre-Reg Drafts Dated: 05/24/95 and 08/19/95

## Tempo® 0.1% Dust Insecticide

For pest control operators and commercial use only.

For control of crawling, flying and wood destroying insect pests in voids and crack and crevice harborages.

### ACTIVE INGREDIENT:

Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)  
-methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate ..... 0.1%  
INERT INGREDIENTS: ..... 99.9%  
100.0%

EPA Reg. No. 3125-429  
EPA Est. No. 3125-MO-1

Net Contents: 4 Pounds  
NOTE: This package is sold by weight.  
Contents may have settled during shipment.

**STOP - Read The Label Before Use**  
**KEEP OUT OF THE 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.)

### 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 into eyes, on skin, or on clothing. Avoid breathing dust. If clothing becomes contaminated, remove and wash before reuse. Wash hands thoroughly with soap and warm water after handling. Keep out of reach of children.

Do not contaminate feed or food.

**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:** Move 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.

ACCEPTED  
with COMMENTS  
in EPA Letter Date

30 SEP 1996

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

3125-429

## 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. Cover or remove any fish or aquatic organism tank

within structures being treated. Disconnect any air supply sources to such tanks before applications are made and re-connect after any possibility of contamination has passed. Apply this product only as specified on this label.

## 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 for Use** and **Conditions of Sale** before using TEMPO 0.1% Dust Insecticide.

**CONDITIONS OF SALE:** THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE APPROPRIATE FOR THE CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED UNDER DIFFERENT ENVIRONMENTAL CONDITIONS BOTH INDOORS AND OUTDOORS SIMILAR TO THOSE THAT ARE ORDINARY AND CUSTOMARY WHERE THE PRODUCT IS TO BE USED. INSUFFICIENT CONTROL OF PESTS OR PLANT INJURY MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL CONDITIONS, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO ANIMALS, MAN, AND DAMAGE TO THE ENVIRONMENT. BAYER OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL ENVIRONMENTAL CONDITIONS, 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 0.1% Dust Insecticide is a ready-to-use insecticide dust which provides effective knockdown and residual control of the pests listed in the table "Pests Controlled by TEMPO 0.1% Dust Insecticide".

TEMPO 0.1% Dust Insecticide is for residual pest control in and around buildings. Permitted areas of use include, but are not limited to, apartment buildings, bakeries, bottling facilities, breweries, cafeterias, candy plants, cereal processing and manufacturing plants, correctional facilities, dairies and dairy product processing plants, frozen food plants, grain mills, granaries, hospitals (non-patient areas), hotels, houses, industrial buildings, kitchens, laboratories, livestock housing structures, manufacturing establishments, mausoleums, poultry and egg processing and packing plants, meat and produce canneries, nursing homes, pickle factories, restaurants, schools, spice plants, stores, warehouses, wineries, and similar structures as well as aircraft, buses,

trucks, trailers, rail cars, and marine vessels.

Do not apply this product in patient rooms or in any rooms while still occupied by the elderly or infirm. Do not apply to classrooms when in use.

In living areas, make applications in such a manner as to avoid deposits on exposed surfaces or introducing the material into the air of the inhabited area.

Apply dust directly into cracks, crevices and voids using hand or power dusters or other suitable equipment. Apply lightly and uniformly to infested areas. Pay particular attention to: cracks and crevices; service ducts; false floors and ceilings; wall voids; around electrical entrances; water and sewer pipe entrances; under and behind cabinets, refrigerators, and sinks; around window and door frames, and baseboard cracks; in attics; and crawl spaces. Apply 1/3 to 2/3 ounce of TEMPO 0.1% Dust Insecticide per square yard. Repeat treatments as necessary to maintain adequate control.

### FOOD/FEED HANDLING ESTABLISHMENT APPLICATIONS

Food/feed handling establishments are defined as places other than a private residence in which exposed food or feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food. Serving areas where food is exposed and the facility is in operation are also considered food areas.

TEMPO applications are permitted in both food/feed and non-food/feed areas of food handling establishments only as a void or crack and crevice treatment.

Apply using a hand or power duster or other equipment capable of applying dust insecticide directly into voids, cracks and crevices between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where cockroaches, ants, silverfish firebrats, spiders, and crickets hide.

Make applications in a manner to avoid deposits on exposed surfaces or introducing the material into the air of inhabited structures. Do not contaminate food, feed or food/feed processing surfaces. All food/feed must be covered or removed from premises. Reapplications may be made at 10-day intervals.

435

Not for use in USDA meat and poultry plants.

# INDOOR PESTS

**Crawling Insect Pests:** Apply thoroughly to all areas where these pests crawl and hide, especially in cracks and crevices and voids around sinks and storage areas, behind baseboards, around door, window, and baseboard cracks; behind and under refrigerators, cabinets, sinks and stoves and in attics and crawl spaces.

For control of ants, apply around doors and windows, and baseboard cracks, and other places where ants enter structures.

For control of clothes moths and silverfish, use TEMPO 0.1% Dust Insecticide as a void, crack or crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on the clothes. Do not apply to clothing.

For control of carpet beetles, dust where these insects are found under edges of floor coverings, under rugs and furniture, and in cracks and crevices in closets.

**For use by pest control operators and livestock producers in livestock housing structures and pet kennels.** Apply dust directly into cracks and crevices and into voids using hand or power dusters or other suitable equipment. Do not make applications to animal feedstuffs or watering equipment.

**Wood Infesting Pests:** For control of termites and wood-infesting beetles in localized areas, within a structure, apply to voids and galleries in damaged wood, and in spaces between wooden structural members and between the sill plate and foundation where wood is vulnerable. Applications may be made to inaccessible areas by drilling, and then injecting with a suitable directional injector into the damaged wood or wall voids. Termite carton nests in building voids may be injected with a pointed injection tool. Multiple injection points to varying depths may be necessary. It is desirable to physically remove carton nest material from building voids when such nests are found. This type of application is intended to be a supplemental treatment for control of drywood and above ground subterranean termites and other wood-infesting insects. Complete site treatment with a registered termiticide suitable for such use must be accomplished to provide complete control of above ground termites.

For control of carpenter ants in houses and other structures, make a crack and crevice or wall void application. Treat wall voids by access around electrical entrances, water lines or similar openings to the wall void. Apply around doors and windows and other places where carpenter ants may enter the structure. Repeat treatments when necessary.

For control of carpenter bees in structures, apply directly into gallery entrance holes. Following treatment, the entrance holes may be left open 24 hours to be certain that

returning adult bees are killed. When there is no activity, the hole should be sealed with a suitable sealant.

Applications of TEMPO 0.1% Dust Insecticide can be made to control wood-infesting pests which may be present in treated channels and spaces at the time of treatment. Such applications are not a substitute for conventional fumigation, soil or foundation treatment but a supplement, particularly where use of other insecticides may pose an odor problem.

# PANTRY AND STORED PRODUCT PESTS

Treat exposed stages. Apply dust in voids, cracks or crevices behind and under cupboards, food storage areas, and cabinets for residual control. Do not apply directly on food, utensils, or food storage shelves.

# OUTDOOR/PERIMETER PESTS

Make a residual treatment in voids, cracks and crevices in window and door frames, between elements of construction or void areas in door porches, eaves, patios, garages, under stairways, and in crawl spaces and other areas where pests hide.

**Above Ground Termites or Carpenter Ants:** For control inside trees, utility poles, fencing and decking materials and similar structural members, drill to find the interior infested cavity and inject TEMPO 0.1% Dust using appropriate treatment equipment.

**Wasps and Bees:** It is advisable to treat wasp and bee nests in the evening when insects are less active and have returned to the nest. Wear protective clothing if deemed necessary to avoid stings. Using hand-held or power duster or other suitable means, with extension tubes if necessary, thoroughly dust nest and entrance and surrounding areas where insects alight. To treat nests in wall voids, drill a hole in the area, dust entrance and surrounding areas. For best results check nests carefully one or two days after treatment to ensure complete kill, then remove and destroy nest to prevent emergence of newly-hatched insects. If removal is not feasible, retreat the nest, if necessary.

**Fire Ants, Red Harvester Ants and Pavement Ants:** For use around buildings, in landscape plantings and in turfgrass areas, use 2 to 6 teaspoonsful of TEMPO 0.1% Dust Insecticide per mound. Distribute dust evenly over each mound, including the base of the mound, using the higher dosages for larger mounds. Applications made during prolonged hot and/or dry weather conditions may be less effective. For optimum control, especially under dry conditions, application should be followed by lightly watering treated mounds using a watering can, garden hose or lawn sprinkler. Treat new mounds as they appear.

To help prevent invasion of buildings and structures by the listed perimeter pests, treat soil or other substrate adjacent to building using TEMPO 0.1% Dust as per the registered label. Also treat the building foundation and crawl spaces where pests are active and may find entrance.

585

PESTS CONTROLLED BY TEMPO 0.1% DUST INSECTICIDE

I. INDOOR PREMISE PESTS

II. WOOD INFESTING PESTS

1. Crawling Pests

Ants (except Pharaoh)  
Bedbugs  
Carpet beetles  
Centipedes  
Clothes moths  
Cockroaches  
American  
Asian  
German  
Oriental  
brown-banded  
smoky brown  
Crickets  
Earwigs  
Firebrats  
Millipedes  
Pillbugs  
Silverfish  
Sowbugs  
Spiders

2. Flying Pests

Moths  
Yellow-jackets  
Wasps

3. Pantry & Stored Product Pests

Beetles (exposed adults & immature stages)  
Cadelle  
Cigarette  
Confused Flour  
Darkling  
Dermeid  
Granary weevil  
Hide  
Larder  
Leather  
Lesser grain borer  
Lessor mealworm  
Merchant grain  
Mealworm  
Red flour  
Rice weevil  
Sawtoothed grain  
Warehouse  
Moths  
Indian meal  
Mediterranean flour

Beetles

Ambrosia  
Deathwatch  
False powderpost  
Old house borer  
Powderpost  
Carpenter ants  
Carpenter bees  
Termites  
Subterranean  
Formosan  
Drywood

III. OUTDOOR/PERIMETER PESTS

Ants	Homets
Bees	Millipedes
Boxelder bugs	Moths
Centipedes	Scorpions
Cockroaches	Spiders
Crickets	Ticks
Fire ants	Wasps
Fleas	Yellow-jackets
Ground beetles	

STORAGE AND DISPOSAL

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

**Pesticide Disposal:** Pesticide wastes are hazardous. Improper disposal of excess pesticide 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. 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 a 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 is 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 Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

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