

PML3 3125-462

1045

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0050. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

222887

Application for Pesticide - Section I

1. Company/Product Number 3125-462	2. EPA Product Manager G. LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Tempo 20 WP Golf Course Insecticide	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Bayer Corporation P.O. Box 4913, 8400 Hawthorn Rd. Kansas City, MO 64120-0013 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

See attached.

NOTIFICATION
APR 23 1996

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Julie M. Spagnoli		Title Registration Specialist		Telephone No. (Include Area Code) (816) 242-2164	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Manager, Registrations			
4. Typed Name John S. Thornton		5. Date 4/3/96			

Tempo 20 WP GC in WSP

462-8749.BLD

Base Reg (8749)

U.S. LABEL

Reason to Issue: Add tank mix recommendation. Add black turfgrass ataenius to pests.

Date of Draft: 02/29/96 (S)
Supersedes: 11/29/95

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
In Water Soluble Packets**

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%

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 package only.

CONTAINS FOUR 55-GRAM WATER SOLUBLE PACKETS

EPA Reg. No. 3125-462

TOTAL NET CONTENTS: 220 GRAMS

**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 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.

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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.

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

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 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

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 where these plants are grown. TEMPO 20 WP Insecticide also controls designated pests in turfgrasses.

NOTE: Not for use in commercial greenhouses, nurseries, sodfarms or grass grown for seed. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

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 turf-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,

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TEMPO 20 WP Golf Course Insecticide in Water Soluble Packets

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.

MIXING: Within each pouch are four clear inner packets containing TEMPO 20 WP. The clear inner packet is water soluble. Do not allow packets to become wet prior to adding to the spray tank. Do not handle the clear inner packets with wet hands or wet gloves. Rough handling may cause breakage. Reseal outer carton to protect remaining packets.

To prepare the spray mixture drop the required number of unopened clear water soluble packets, as determined under "Recommended Applications", 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 a few minutes from the time they are added to the water. Cooler water temperatures increase the time needed for the packet to dissolve completely.

CAUTION: Do not use TEMPO 20 WP packets in a tank-mix with products that contain Boron or release free chlorine. The resultant reaction of the polyvinyl alcohol (PVA)

packaging and boron or free chlorine is a plastic which is not soluble in water or solvents such as diesel oils, kerosene, gasoline or alcohol. TEMPO 20 WP Water Soluble Packets are compatible with chlorinated water. Do not attempt to use the WSP packets directly in diesel oils or summer spray type oils as in ULV or LV uses. PVA packets are water soluble not oil soluble.

TANK MIXING: The user, at his or her discretion, can tank mix pesticides currently registered for similar use patterns, unless the product labels specifically prohibit such use. No label dosage rates should be exceeded. For example, TEMPO 20 WP Golf Course Insecticide can be tank mixed with MERIT 75 WSP Insecticide for use on turf and landscape ornamentals in accordance with the more (most) restrictive of label limitations and precautions. When tank mixing TEMPO 20 WP Golf Course Insecticide with MERIT 75 WSP Insecticide, the mixing sequence does not matter.

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 to in a small jar if local experience is unavailable.

RECOMMENDED APPLICATIONS				
CROP	PEST		DOSAGE TEMPO 20 WP	REMARKS
Landscape Ornamentals (including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)	Ants*	Oleander moth larvae	55 grams (1 packet) Per 100 Gallons of Water	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 WP Insecticide for the control of ants, crickets, spiders, midges, flies, mosquitoes 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.
	Aphids	Orchid weevil		
	Armyworms	Pear psylla		
	Azalea caterpillars	Peppertree psyllid		
	Bagworms	Pillbugs		
	Boxelder bugs	Pine shoot moths		
	Bristly rose slugs	Pine tip moths		
	Budworms	Plant bugs		
	California oakworms	Redhumped caterpillars		
	Cankerworms	Sawfly larvae		
	Casebearers	Scale insects		
	Clover mites	(crawler stages)		
	Cockroaches**	Sowbugs		
	Crickets*	Spiders*		
	Cutworms	Spittlebugs		
	Elm leaf beetles	Striped beetles		
	Elm spanworms	Striped oakworms		
	Flea beetles	Tent caterpillars		
	Flies*	Thrips		
	Fungus gnats	Ticks		
	Grasshoppers	(including deer ticks)		
	Gypsy moth larvae	Tussock moth larvae		
	Japanese beetles (adult)	Wasps*		
	June beetles (adult)	Walnut caterpillars		
	Lace bugs	Webworms		
	Leaf-feeding caterpillars	Whiteflies		
	Leathoppers	Yellownecked caterpillars		
	Leafrollers			
	Leaf skeletonizers			
	Mealybugs			
	Midges*			
	Mosquitoes*			

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TEMPO 20 WP Golf Course Insecticide in Water Soluble Packets

RECOMMENDED APPLICATIONS			
CROP	PEST		DOSAGE TEMPO 20 WP
Turfgrass (Including golf courses, home lawns, around business and office complexes and multifamily 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)	55 grams (1 Packet) Per 7,800 to 11,000 sq ft
	Black turfgrass ataenius (adults) Bluegrass billbug (adult) Chinch bugs Chiggers Fire ants*	Fleas Hyperodes weevil (adult) Mole crickets Scorpions	55 grams (1 Packet) Per 7,800 sq ft
			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. * 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.

To avoid risk to sensitive aquatic areas, do not make applications within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

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 pouch in connection with food, feed, or drinking water. After removing all PVA packets, the pouch may be disposed of in the 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 package and out of the reach of children, preferably in a locked storage area.

Handle and open pouch 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.

Bayer Corporation
Specialty Products
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