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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

3125-482

Date of Issuance:

November 13,
1998

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product:

Tempo® Ultra 40 Insecticide

Name and Address of Registrant (include ZIP Code):

Bayer Corporation
8400 Hawthorne Road
P.O. Box 4913
Kansas City, MO 64120

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 3125-482".

Signature of Approving Official:

George T. LaRocca
George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

Date:

NOV 13 1998

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b. Please add to the label a distinction that the active ingredient in the product is beta-cyfluthrin.

2. Since beta-cyfluthrin is not registered yet as a technical product, retail sale and distribution of technical beta-cyfluthrin to other formulators and suppliers is prohibited until this active ingredient is registered in the U.S..

3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Beth Edwards

for

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

Enclosure

UIE-9003-YLD

U.S. LABEL

Base Pre-Reg (9005)

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ACCEPTED
with COMMENTS
in EPA Letter Dated

NOV 13 1998

Reason to Issue: To introduce a new product.

Date of Pre-Reg Draft: 08/12/97 (B)
Supersedes Pre-Reg Draft: 06/29/95
(Tempo 40% Tablet)

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

3125-482

Tempo Ultra 40

Tempo® Ultra 40

Insecticide

For commercial use only.

For broad-spectrum control of crawling, flying, and wood-infesting insect pests for indoor and outdoor surfaces, as well as insect pests of trees, landscape ornamentals and residential and commercial lawns.

ACTIVE INGREDIENT:

cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)

- 2,2-dimethylcyclopropanecarboxylate 40%

INERT INGREDIENTS: 60%
100%

EPA Reg. No. 3125-UIE

STOP - Read The Label Before Use
KEEP OUT OF 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 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.

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

IN CASE OF POISONING: Call physician or Poison Control Center immediately. Have patient lie down and keep quiet.

Wear safety glasses, goggles, or face shield when handling the undiluted material and wear a respirator when making general surface overhead treatments indoors.

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.

Note To Physician: No specific antidote is available. Treat the patient symptomatically.

ENVIRONMENTAL HAZARDS

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This pesticide is toxic to fish. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors where such containers are present. 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 Ultra 40 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 Ultra 40 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.

Each TEMPO Ultra 40 Water Soluble packet weighs 1.2 grams.

GENERAL INFORMATION
FOR STRUCTURAL PEST CONTROL

TEMPO Ultra 40 Insecticide contains 40% active ingredient, which will provide effective knockdown and residual control of the pests listed in this label.

TEMPO Ultra 40 is intended for use as a general surface, spot, or crack and crevice application in and around buildings and structures and their immediate surroundings and on various modes of transport. 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, non-commercial greenhouses, hospitals, hotels, houses, industrial buildings, kitchens, laboratories, livestock housing structures, pet kennels, manufacturing establishments, mausoleums, poultry houses, meat, 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 use in aircraft cabins.

Hospital and/or nursing home patients must be removed from their rooms while treatment is being applied and must not be allowed to return until all treated surfaces have dried. School classrooms must be treated only when students are not present, and all treated surfaces must be dry before the students are allowed to return.

TEMPO Ultra 40 is intended to be mixed with water and applied with hand pressurized, power operated sprayers or foam generating equipment. Spray pressure should not exceed 50 PSI at the nozzle tip when used indoors. Add the appropriate amount of product when filling sprayer tank with water, shake or agitate as necessary to mix. Diluted spray mixture can be stored overnight and applied the following day; however, mixture should be agitated prior to application to prevent uneven distribution of product. Before leaving spray mixture unagitated for an extended period of time, release tank pressure and elevate nozzle and hose above tank outlet, activate trigger and drain all suspension from hose back into spray tank. Re-tighten spray tank lid and do not re-pressurize until starting spray again.

TEMPO Ultra 40 will not stain or cause damage to any painted or varnished household surface, plastic, fabric or other surface where water applied alone causes no damage.

TANK MIXING: The user, at his discretion, can tank mix pesticides currently registered for similar use patterns, unless the product labels specifically prohibit such use. See Extended Cockroach Control with Insect Growth Regulators.

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.

GENERAL SURFACE APPLICATION

Use two TEMPO Ultra 40 packets per 1000 sq ft (see Note 1) in sufficient water to adequately cover the area being treated, but which will not allow dripping or run-off to occur (see Note 2). Use a low pressure system with a fan type nozzle to uniformly apply the suspension. Applications can be made to walls, floors, ceilings, in and around cupboards, between, behind and beneath equipment, appliances, around floor drains, window and door frames, and on the underside of shelves, drawers and in similar areas. Applications may be made to floor surfaces along walls and around air ducts, however, do not treat entire area

of floor or floor coverings. In the home, all food processing surfaces and utensils should be covered or thoroughly washed following treatment. Cover exposed food or remove from area being treated. Re-application can be made at 10-day intervals, if necessary. Do not apply where electrical short circuits could occur. Use a dust or dry bait in these areas. It is recommended to wear safety glasses, goggles or face shield and a respirator when making a general surface treatment to overhead areas.

Note 1: Under conditions of severe pest infestation or when quicker knock-down and/or longer residual control is needed, use four packets of TEMPO Ultra 40 per 1000 sq ft.

Note 2: Volume of Water Sprays Applied To A Vertical Surface to Attain Appropriate Coverage

Type of Surface	Quarts 1000 Sq Ft	Gallons 1000 Sq Ft
Ceramic tile (glazed)	0.75	0.2
Stainless steel	0.75	0.2
Latex painted plywood (semigloss)	4.0	1.0
Masonite (smooth)	6.3	1.5
Unpainted plywood	11.0	2.7
Unpainted particle board	11.7	3.0
Cement block (semigloss latex)	12.5	3.2
Cement block (unfinished)	145.5	36.3

SPOT, OR CRACK AND CREVICE APPLICATIONS

Mix two packets of TEMPO Ultra 40 in one gallon of water to make a 0.025% active ingredient concentration (see Note 3). Use a low pressure system with a pin-point or variable pattern nozzle or appropriate foam generating equipment to apply the suspension or sufficient volume of foam in specific areas such as: cracks and crevices in or behind baseboards, in floors, walls, expansion joints, areas around water and sewer pipes, wall voids, or voids in table legs and equipment where pests can hide as well as other similar areas. Spot treatments may also be made to areas including but not limited to storage areas, closets, doors and windows, behind and under refrigerators, cabinets, sinks,

stoves and other equipment, the underside of shelves, drawers and similar areas. TEMPO Ultra 40 can be reapplied at 10-day intervals, if necessary. Do not apply where electrical short circuits could occur. Use a dust or dry bait in these areas.

Note 3: Under conditions of severe pest infestation or when quicker knock-down and/or longer residual control is needed, mix four packets of TEMPO Ultra 40 in one gallon of water to make a 0.05% active ingredient concentration.

EXTENDED COCKROACH CONTROL WITH INSECT GROWTH REGULATORS

Use TEMPO Ultra 40 in a tank mix combination with an Insect Growth Regulator (IGR) for extended control of American, Asian, German, oriental, brown-banded, smoky brown and other species of cockroaches. Use in food areas of food handling establishments only if all products in tank mix are registered for such use.

Make applications in accordance with those label instructions which are the same for each product. Prepare the tank mix using the recommended rate of TEMPO Ultra 40 and the IGR of choice by adding the TEMPO Ultra 40 first and making sure it is well mixed and in suspension, then adding the correct amount of IGR according to its label instructions. Follow all label instructions for use patterns and spray intervals from the IGR label to achieve maximum benefit.

Refer to the appropriate sections of the label for TEMPO Ultra 40 and the label for the IGR of choice for

additional precautions, restrictions, limitations, and application information.

FOOD/FEED HANDLING ESTABLISHMENT APPLICATIONS

TEMPO Ultra 40 applications are permitted in both food/feed and non-food areas of food/feed handling establishments as a general surface, spot, or crack and crevice treatment. Food/feed handling establishments are defined as places other than private residences in which exposed food/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.

General Surface Application: Do not apply as a general surface application in the food handling areas of the facility,

when the facility is in operation or foods are exposed. Do not apply directly to food products. Cover or remove all food processing and/or handling equipment during application. After application in food processing plants, bakeries, cafeterias and similar facilities, wash all equipment, benches, shelving and other surfaces which food will contact. Clean food handling or processing equipment and thoroughly rinse with clean, fresh water.

Spot, Crack and Crevice Application: Spot or crack and crevice applications may be made while the facility is in operation; however, food should be covered or removed from area being treated. Do not apply directly to food or food-handling surfaces.

INDOOR PEST CONTROL

CRAWLING INSECT PEST CONTROL

For general household pests and occasional invaders make applications in a manner as previously described under General Surface, Spot, or Crack and Crevice Application. Particular attention should be given to treating entry points and harborage areas.

For pantry pest control of exposed adult and immature stages of insects, make application to cupboards, shelving and storage areas. Particular attention should be given to treating cracks and crevices and other harborage areas. Remove all utensils, uncovered foodstuffs (or any with package opened), shelf paper and other objects before spraying. Allow treated surfaces to dry and cover shelves with clean paper before replacing any utensils, foodstuff or other items. Any foodstuff accidentally contaminated with spray solution should be discarded.

For stored product pest control of exposed adult and immature stages of insect pests, apply to cracks, crevices, and other surfaces where the pests have been seen or has harborage. Treat warehouses, production facilities, storage areas, rail cars, truck beds and other areas where products are stored before filling with the product. TEMPO Ultra 40 may be used by pest control operators and grain producers to treat grain storage facilities and other areas noted above for stored product pest control. Cleaning of all areas prior to use of TEMPO Ultra 40 will increase levels of control. Any foodstuffs infested with pests should be removed and destroyed.

For premise pest control make application to rugs, carpeting beneath furniture, in closets and storage areas where these pests normally feed or hide. Do not apply to

entire floor area. Applications to furniture should be restricted to those areas where no prolonged contact by humans will occur. Avoid contact with treated surfaces until dry. Remove or tightly cover fish tanks and disconnect aerators during application. Pets should be removed from the area being treated during application and until treated surfaces are completely dry.

For aircraft pest control apply to cracks, crevices and other surfaces where the pests have been seen or have harborage. Applications can be made to carpet and upholstered surfaces where no prolonged contact by human skin will occur. Applications should not be made when passengers or non-essential personnel are present in the immediate or treated area. All surfaces should be dry prior to re-entry by passengers or other personnel.

For use by pest control operators or livestock producers in livestock housing structures (including poultry houses) and pet kennels to control crawling and flying insect pests. Apply as a general surface and/or a crack and crevice spray. Control will be enhanced when facilities are cleaned and interior applications are supplemented with exterior perimeter treatments. Do not make interior applications of TEMPO Ultra 40 in areas of facility where animals other than cattle or horses are present. Do not make applications to animal feedstuffs or watering equipment.

FLYING INSECT PEST CONTROL (General Surface Spray)

For control of flying insects indoors make application to surfaces as directed under Directions For Use, where the pests collect or rest. Do not apply as a "space spray" application.

OUTDOOR PEST CONTROL

For control of flying insects outdoors use a 0.025% to 0.05% suspension and make applications to outside surfaces of buildings, porches, patios, garages and other areas where these pests have been seen or found. Use a 0.05% suspension and make pin stream applications directly to the nests of wasps, yellow-jackets and hornets.

For perimeter pest control, make a general surface application to outside surfaces of buildings, porches, patios, garages and other adjacent areas where pests have been seen or found. To help prevent infestations of buildings by occasional invaders, treat soil, turf or other substrates adjacent to buildings, the building foundation, walls, around doors and windows, soffit areas where these pests are active and may find entrance or harborage. Apply a minimum of 2.4 grams (2 packets) of TEMPO Ultra 40 per 1000 sq ft in sufficient water to provide adequate coverage.

For control of the imported red fire ant, use a 0.05% suspension of TEMPO Ultra 40 and thoroughly drench or inject the entire mound area. Treat all areas of the mound showing activity to provide contact control of the adult fire ants. TEMPO Ultra 40 will provide contact activity and residual repellency in the active mound.

When using the injection treatment method for control of the imported red fire ant, it is essential that treatment be made to the bottom of the active mound. Apply suspension or sufficient volume of foam throughout the mound using a downward and upward motion of the injector tool. Multiple injection sites may be needed to ensure complete distribution of the suspension or foam throughout the active mound.

Do not use TEMPO Ultra 40 to treat fire ant mounds in any food crop production area, pasture or area where food crop production may occur.

CONTROL OF WOOD INFESTING PESTS

For control of wood infesting beetles on surfaces in homes and other structures, apply a 0.05% suspension of TEMPO Ultra 40. For treatment of small areas, apply by brushing or spraying the suspension evenly on wood surfaces. For large or overhead areas of homes, apartment buildings, etc., apply as a coarse spray to thoroughly cover the area. Cover all surfaces below the area being sprayed with plastic sheeting or other material which can be disposed of by placing in trash if contamination from dripping occurs. Sprayed surfaces should be avoided until the treated area is completely dry.

For control of above-ground termites and wood-infesting beetles in localized areas, apply a 0.05% suspension or sufficient volume of foam of TEMPO Ultra 40 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 the suspension or foam with a suitable directional injector into the damaged wood or wall voids. Termite carton nests in building voids may be injected with 0.05% suspension or foam using 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. Application to attics, crawl spaces, unfinished basements, or man-made voids may be made with a coarse fan spray of 0.05% suspension to control exposed worker and winged reproductive forms of termites. 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.

For control of swarming or reproductive stages of termites, apply a 0.05% suspension to the swarm or area on which they collect.

For control of above-ground termites inside trees, utility poles, fencing and decking materials and similar structural members, drill to find the interior infested cavity and inject 0.05% suspension or foam using an appropriate treatment tool with a splashback guard.

Termite carton nests in trees may be injected with 0.05% suspension or foam using a pointed injection tool. Multiple injection points to varying depths may be necessary. It is desirable to physically remove carton nest material from trees when such nests are found.

For protection of firewood from carpenter ants and termites, treat soil beneath firewood prior to stacking with a 0.05% suspension at 1 gallon per 8 square feet to prevent carpenter ant or termite infestation.

For control of carpenter ants in houses and other structures, use a 0.05% suspension and apply as a general surface, spot, crack and crevice or wall void application. Repeat treatments when necessary. Apply around doors and windows and other places where carpenter ants may enter the premises. Spray or foam into cracks and crevices or through small drilled holes into voids where these ants or their nests are present. Use a sufficient amount of coarse spray or foam to cover the area. Do not exceed 1 gallon of dilute suspension per 1000 square feet of treated surface.

For control of carpenter ants inside trees, utility poles, fencing and decking materials and similar structural members, drill to find the interior infested cavity and inject 0.05% suspension or foam using an appropriate treatment tool with a splashback guard. Retreat as needed.

For control of tunneling carpenter ants in soil, apply a 0.05% suspension as a drench or inject the suspension or foam at intervals of 8 to 12 inches. Establish a uniform

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vertical barrier at the edge of walls, driveways or other hard surfaces where ants are tunneling beneath the surfaces.

For control of carpenter bees in structures, apply a 0.05% suspension or sufficient volume of foam 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 may be sealed with a suitable sealant.

FOAM APPLICATION USE DIRECTIONS: Mix end-use dilution of TEMPO Ultra 40 with manufacturer's recommended volume of foaming agent. For a 0.025 to 0.05% foam concentration, foam 2.4 (2 packets) to 4.8 (4 packets) grams of TEMPO Ultra 40 Formulation per gallon of pre-foamed dilution.

PESTS CONTROLLED BY TEMPO*

I. INDOOR PREMISE PESTS

- | | | |
|--|--|--|
| <p>1. Crawling Pests
 Ants (except Pharaoh)
 Bedbugs
 Carpet beetles
 Centipedes
 Cockroaches
 American
 Asian
 German
 Oriental
 brown-banded
 smoky brown
 Crickets
 Darkling beetles
 Earwigs
 Firebrats
 Millipedes
 Pillbugs
 Silverfish
 Sowbugs
 Spiders</p> | <p>2. Flying Pests
 Clothes moths
 Flies
 Gnats
 Midges
 Mosquitoes
 Moths
 Wasps
 Yellow-jackets</p> | <p>3. Pantry & Stored Product Pests
 Beetles (exposed adults & immature stages)
 Cadelle
 Cigarette
 Confused Flour
 Dermestid
 Drug-store
 Granary weevil
 Hide
 Larder
 Leather
 Lesser grain borer
 Lesser mealworm
 Merchant grain
 Mealworm
 Red flour
 Rice weevil
 Sawtoothed grain
 Warehouse Moths
 Indian meal
 Mediterranean flour</p> |
|--|--|--|

II. FOOD PROCESSING PESTS

(Same crawling & flying pests, pantry & stored product pests as for INDOOR PREMISE) and
Fruitflies
Phoridflies
Scleridflies

III. WOOD INFESTING PESTS

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

III. OUTDOOR /PERIMETER PESTS

Ants
Bees
Boxelder bugs
Carpenter ants
Cecidflies
Centipedes
Clusterflies
Cockroaches
Crickets
Elm leaf beetle
Fire ants
Firebrats
Flies
Fleas
Gnats
Ground beetles
Hornets
Imported red fire ants
Midges
Millipedes
Mosquitoes
Moths
Scorpions
Silverfish
Spiders
Ticks
Wasps
Yellow-jackets

- * For **GENERAL SURFACE APPLICATION**, use 2.4 grams (2 packets) of TEMPO Ultra 40 per 1000 sq ft in sufficient water to adequately cover the area being treated. Under conditions of severe pest infestation or when quicker knock-down and/or longer residual control is needed, use 4.8 grams (4 packets) of TEMPO Ultra 40 per 1000 sq ft.
- * For **SPOT, CRACK AND CREVICE, OR FOAM APPLICATIONS**, mix 2.4 grams (2 packets) TEMPO Ultra 40 in one gallon of water to make a 0.025% active ingredient concentration. Under conditions of severe pest infestation or when quicker knockdown and/or longer residual control is needed, mix 4.8 grams (4 packets) of TEMPO in one gallon of water to make a 0.05% active ingredient concentration.

**GENERAL INFORMATION
FOR TURF AND LANDSCAPE ORNAMENTAL PEST CONTROL**

When used at recommended rates and as directed under **RECOMMENDED APPLICATIONS**, TEMPO Ultra 40 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 Ultra 40 Insecticide also controls designated pests on landscape and recreational 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, sod farms or grass grown for seed. Not for use on golf course turf.

APPLICATION TO ORNAMENTALS: TEMPO Ultra 40 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 but do not allow run-off to occur. 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 Ultra 40 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.

Add the appropriate amount of product when filling sprayer tank with water, shake or agitate as necessary to mix. Diluted spray mixture can be stored overnight and applied the following day; however, mixture should be agitated prior to application to prevent uneven distribution of product.

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 Ultra 40 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 Ultra 40 Insecticide with MERIT 75 WSP Insecticide, the mixing sequence does not matter.

COMPATIBILITY: TEMPO Ultra 40 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.

Note: TEMPO Ultra 40 packets should not be used with products or in a tank that may contain boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic which is not soluble in water or solvents such as diesel oils, kerosene, gasoline or alcohol. Use of chlorinated water is acceptable.

RECOMMENDED APPLICATIONS				
CROP	PEST		DOSAGE TEMPO Ultra 40	REMARKS
LANDSCAPE ORNAMENTALS (Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)	Ants*	Mosquitoes*	11 packets 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 Ultra 40 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	Oleander moth larvae		
	Armyworms	Orchid weevil		
	Azalea caterpillars	Pear psylla		
	Bagworms	Peppertree psyllid		
	Boxelder bugs	Pillbugs		
	Bristly rose slugs	Pine tip moths		
	Budworms	Pine shoot moths		
	California oakworms	Plant bugs		
	Cankerworms	Redhumped caterpillars		
	Casebearers	Sawfly larvae		
	Clover mites	Scale insects (crawler stages)		
	Cockroaches**	Sowbugs		
	Crickets*	Spiders*		
	Cutworms	Spittlebugs		
	Elm leaf beetles	Striped oakworms		
	Elm spanworms	Striped beetles		
	Flea beetles	Tent caterpillars		
	Flies*	Thrips		
	Fungus gnats	Ticks (including deer ticks)		
	Grasshoppers	Tussock moth larvae		
	Gypsy moth larvae	Walnut caterpillars		
	Japanese beetles (adult)	Wasps*		
	June beetles (adult)	Webworms		
	Lace bugs	Whiteflies		
	Leaf skeletonizers	Yellownecked caterpillars		
	Leaf-feeding caterpillars			
	Leafhoppers			
	Leafrollers			
	Mealybugs			
	Midges*			
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	Japanese beetles (adult)	1 to 2 packets per 1000 sq ft or	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.
	Armyworms	Sod webworms	44 to 88 packets per Acre	
	Crickets	Ticks (including deer ticks)		
	Cutworms			
	Earwigs			
	Grasshoppers			
	Bluegrass billbug (adult)	Fleas	2 packets per 1,000 sq ft or	* Aids in control only.
	Chinch bugs	Hyperodes weevil (adult)	88 packets per Acre	
	Chiggers	Mole crickets		
	Fire ants*	Scorpions		

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. Completely empty container into application equipment. Triple rinse (or equivalent). Then 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 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.