

PM 13 3125-380

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NOV 23 1992

3125-380-257  
17/14

Mr. John S. Thornton  
Miles Inc.  
P.O. Box 4913  
8400 Hawthorn Road  
Kansas City, MO 64120-0013

Dear Mr. Thornton:

Subject: Amendment-Label  
TEMPO 20 WP  
EPA Registration No. 3125-380  
Your Submission dated September 23, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy of the label is enclosed for your records.

1. Under the heading "Food Handling Establishment Applications"
  - a. Add " feed" wherever food is mentioned, as shown below:  
.....food/feed areas.....  
..... food/feed handling establishments.....  
.....food/feed is held or processed.....
2. Under " Environmental Hazards" revise the statement regarding wetlands as follows:  
  
..... Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

Sincerely yours,

George T. LaRocca  
Product Manager (13)  
~~Insecticide-Rodenticide Branch~~  
Registration Division

Enclosure:		CONCURRENCES				Registration Division	
SYMBOL	(H7505C)						
SURNAME	Moats						
DATE							



U. S. LABEL

Reason to Issue: To revise reference to USDA handbook; to add pests to "Pests Controlled by TEMPO" list; to add "Do not formulate this product into other end-use products".

Date of Draft: 8/31/92 (Pre-Reg)(S)

EPA Reg. No. 3125-380

**TEMPO 20 WP****INSECTICIDE****FOR PEST CONTROL OPERATORS AND COMMERCIAL USE ONLY**

FOR BROAD-SPECTRUM CONTROL  
OF CRAWLING, FLYING, AND WOOD  
DESTROYING INSECT PESTS FOR  
INDOOR AND OUTDOOR SURFACES,  
ORNAMENTALS, AND HOME LAWNS.

**ACTIVE INGREDIENT:**

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

-dimethylcyclopropanecarboxylate .....	20%
INERT INGREDIENTS: .....	80%
	100%

EPA Est. No. 3125-MO-1

EPA Reg. No. 3125-380

**STOP - READ THE LABEL BEFORE USE**

KEEP OUT OF THE REACH OF CHILDREN

**CAUTION**

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

NET CONTENTS \_\_\_\_ GRAMS

Miles Inc.  
Specialty Products  
Box 4913, Kansas City, Missouri 64120-0013

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 23 1992



**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 or spray mist. If clothing becomes contaminated, remove and wash before reuse. Wash hands thoroughly with soap and warm water after handling. Wear safety glasses, goggles, or face shield when handling the undiluted material and wear a respirator when making general surface overhead treatment.

Keep out of reach of children. Do not allow children or pets to contact treated surfaces until surfaces are dry.

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 remain 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.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic invertebrates. 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 and wetlands (swamps, bogs, marshes and potholes). Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

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.

**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 for Use and Conditions of Sale before using TEMPO 20 WP 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. MILES 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 MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

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

**GENERAL INFORMATION**

TEMPO 20 WP insecticide contains 20% active ingredient, which will provide effective knockdown and residual control of the pests listed in this label.

One level TEMPO scoopful or 4 level teaspoonsful contain 9.5 grams of TEMPO 20 WP. Do not use scoop or teaspoon for feed, food, or drinking water purposes.

TEMPO 20 WP 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, 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.

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 20 WP is intended to be mixed with water and applied with hand pressurized or power operated sprayers. 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.



## GENERAL INFORMATION (Continued)

TEMPO 20 WP 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, page 5. 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 one level TEMPO scoopful of TEMPO 20 WP 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 two level TEMPO scoopful of TEMPO 20 WP per 1000 sq ft.

### Note 2:

#### Volume of Water Sprays Applied To A Vertical Surface to Attain Appropriate Coverage

<u>Type of Surface</u>	<u>Quarts 1000 Sq Ft</u>	<u>Gallons 1000 Sq Ft</u>
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 one level TEMPO scoopful of TEMPO 20 WP in one gallon of water to make a 0.05% active ingredient concentration (see Note 3). Use a low pressure system with a pin-point or variable pattern nozzle to apply the suspension 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 20 WP 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 two level TEMPO scoopful of TEMPO 20 WP in one gallon of water to make a 0.1% active ingredient concentration.

**EXTENDED COCKROACH CONTROL WITH INSECT GROWTH REGULATORS**

Use TEMPO 20 WP 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 20 WP and the IGR of choice by adding the TEMPO 20 WP first and making sure it's well mixed and in suspension, then adding the correct amount of IGR according to it's 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 20 WP and the label for the IGR of choice for additional precautions, restrictions, limitations, and application information.

**FOOD HANDLING ESTABLISHMENT APPLICATIONS**

TEMPO 20 WP applications are permitted in both food and non-food areas of food handling establishments as a general surface, spot, or crack and crevice treatment. Food handling establishments are defined as places other than private residences in which exposed food 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 20 WP is authorized by the USDA for use in federally inspected meat and poultry plants. This product is acceptable for use in edible product areas of official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs, as a crack and crevice treatment. TEMPO 20 WP is classified as an F2 residual insecticide according to regulations listed under Section 5.6 (A)(1)(b) of the USDA Food Safety Inspection Handbook No. 562. Refer to List of Proprietary Substances and Nonfood Compounds for authorized listing.



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. Cleaning of all areas prior to use of TEMPO 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.



**INDOOR PEST CONTROL (Continued)**

For use in livestock housing structures 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 applications of TEMPO 20 WP when animals are present in facility. Allow sprays to dry before re-stocking of the facility. 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 0.05% to 0.1% 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 0.1% 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 7 grams of TEMPO 20 WP per 1000 sq ft in sufficient water to provide adequate coverage.

For aid in control of the imported red fire ant, use a 0.1% suspension of TEMPO 20 WP 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 20 WP 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 throughout the downward and upward motion of the injector tool. Multiple injection sites may be needed to ensure complete distribution of the suspension throughout the active mound.

Do not use TEMPO 20 WP 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 0.1% suspension of TEMPO 20 WP. 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.

**BEST AVAILABLE COPY**



## CONTROL OF WOOD INFESTING PESTS (Continued)

For control of above ground termites and wood-infesting beetles in localized areas, apply a 0.1% suspension of TEMPO 20 WP 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 with a suitable directional injector into the damaged wood or wall voids. Termite carton nests in building voids may be injected with 0.1% suspension 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 0.1% 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 0.1% 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 0.1% suspension using an appropriate treatment tool with a splashback guard.

Termite carton nests in trees may be injected with 0.1% suspension 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 0.1% 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 0.1% 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 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 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 0.1% suspension using an appropriate treatment tool with a splashback guard. Retreat as needed.

For control of tunneling carpenter ants in soil, apply a 0.1% suspension as a drench or inject the suspension at intervals of 8 to 12 inches, using 1 quart of the suspension per linear foot. Establish a uniform 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, use a 0.1% suspension and spray the liquid 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.



PESTS CONTROLLED BY TEMPO \*

I. INDOOR PREMISE PESTS

1. Crawling Pests

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

2. Flying Pests

Clothes moths  
Flies  
Gnats  
Midges  
Mosquitoes  
Moths  
Yellow-jackets  
Wasps

3. Pantry & Stored Product Pests

Beetles (exposed adults & immature stages)  
Cadelle  
Cigarette  
Confused Flour

3. Pantry & Stored Product Pests

Beetles (exposed adults & immature stages) (Continued)  
Dermestid  
Drug-store  
Granary weevil  
Hide  
Larder  
Leather  
Lesser grain borer  
Merchant grain  
Mealworm  
Red flour  
Rice weevil  
Sawtoothed grain  
Warehouse  
Moths  
Indian meal  
Mediterranean flour

II. FOOD PROCESSING PESTS

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

III. WOOD INFESTING PESTS

Beetles  
Ambrosia  
Deathwatch  
False powderpost  
Old house borer  
Powderpost

III. WOOD INFESTING PESTS

(Continued)  
Carpenter ants  
Carpenter bees  
Termites  
Subterranean  
Formosan  
Drywood

IV. OUTDOOR/PERIMETER PESTS

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

\* For GENERAL SURFACE APPLICATION, use one level TEMPO scoopful of TEMPO 20 WP per 1000 square feet 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 two level TEMPO scoopful of TEMPO 20 WP per 1000 sq. ft.

\* For SPOT, OR CRACK AND CREVICE APPLICATIONS, mix one level TEMPO scoopful of TEMPO 20 WP in one gallon of water to make a 0.05% active ingredient concentration. Under conditions of severe pest infestation or when quicker knockdown and/or longer residual control is needed, mix two level TEMPO scoopful of TEMPO 20 WP in one gallon of water to make a 0.1% active ingredient concentration.



## RECOMMENDATIONS FOR ORNAMENTALS AND HOME LAWNS

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 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. TEMPO 20 WP also controls designated pests in home lawns. TEMPO 20 WP can also be used in areas adjacent to or at the edge of landscaped areas to control encroaching pests such as ticks. Apply specified rate, at lawn use dosage, to tall grass or weeds, under brush and trees or in areas of no maintenance. Follow all restrictions and precautions in other parts of this label.

**APPLICATION:** TEMPO 20 WP mixes readily with water and may be used in all types of sprayer 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 20 WP 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.



RECOMMENDED APPLICATIONS			
CROP	PEST	TEMPO 20 WP per 100 gal	REMARKS
Ornamentals (Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)	Armyworms Azalea caterpillars Bagworms Bristly rose slugs Buck moth larvae 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 Walnut caterpillars Webworms Yellownecked caterpillars	36 grams (1.3 oz)	<p>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.</p> <p>* The use of TEMPO 20 WP for the control of crickets, spiders, midges, 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.</p>



RECOMMENDED APPLICATIONS			
CROP	PEST	TEMPO 20 WP per 100 gal	REMARKS
Ornamentals (Continued) (Including Trees, Shrubs, Evergreens, Flowers, Foliage Plants)	Aphids Boxelder bugs Budworms Casebearers Clover mites Cockroaches** Elm leaf beetles Grasshoppers Japanese beetles (adult) June beetles (adult) Leafhoppers Leafrollers Leaf skeletonizers Mealybugs Orchid weevil Pear psylla Peppertree psyllid Plant bugs Psyllid sp. Scale insects (crawler stages) Spittlebugs Striped beetles Thrips Ticks Tussock moth larvae Whiteflies	54 grams (1.9 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.  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.



**RECOMMENDED APPLICATIONS****Area Applications on Home Lawns:**

TEMPO 20 WP mixes readily with water and/or various fertilizer solutions and can be used in appropriate sprayer equipment to treat home lawns. 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 lawns have dried following application.

CROP	PEST	Rate of TEMPO 20 WP	REMARKS
Home Lawns Only	Ants Armyworms Crickets Cutworms Earwigs Grasshoppers Japanese beetle (adult) Sod webworms Ticks	5 grams per 1000 sq ft or 7.7 oz/A	Apply when pests first appear. Reapply when necessary based on pest reinfestations. 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.
	Bluegrass billbug (adult) Chinch bugs Chiggers Fleas (suppression of adults) Hyperodes weevil (adult) Mole crickets Scorpions	7 grams per 1000 sq ft or 10.75 oz/A	



## 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 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), and 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 needed, 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 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 Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone Number is 816-242-2582, or contact Chemtrec at 800-424-9300.