



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number  
**287543**

Application for Pesticide - Section I

1. Company/Product Number <b>3125-502</b>	2. EPA Product Manager <b>George LaRocca</b>	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product Name <b>Tempo Concentrate Insecticide</b>	PM# <b>13</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>Bayer Corporation, Agriculture Division 8400 Hawthorn Road, P.O. Box 4913 Kansas City, MO 64120-0013</b> <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.

**NOTIFICATION**  
**OCT 24 2002**

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

See attachment

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 <b>Scott A. Kohne</b>	Title <b>Senior Registration Scientist</b>	Telephone No. (Include Area Code) <b>(816) 242-2164</b>
2. Signature 		6. Date Application Received (Stamped)
3. Title <b>Director, Federal Regulatory Affairs</b>		
4. Typed Name <b>Julie M. Spagnoli</b>		
5. Date <b>10/18/2002</b>		

**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.

2/8

[FRONT PANEL]

# Tempo<sup>®</sup> Concentrate

## Insecticide

For Use On: Lawns, Ground Covers, Flowers, Shrubs,  
Trees, Vegetables, Around Homes

Measure-Up<sup>™</sup> Cup  
Exact Measure Every Time

[READY TO SPRAY]  
CONCENTRATE  
KILLS INSECTS  
RAINPROOF WITHIN 1 HOUR OF APPLICATION

- Just One Application Quickly Kills Insects
- Keeps on Killing for up to 14 days
- Kills Over 60 Different Outdoor Insects
- Treats 5,333 sq ft (For Lawns)
- Effective Home Barrier Treatment
- Contains Tempo<sup>®</sup>

### DOUBLE PROTECTION FORMULA

- Fast Acting...Kills on Contact
- Long Lasting...Keeps on Killing for up to 14 days
- Kills on contact plus protects for weeks
- Also kills fleas, ticks & 58 other nuisance pests
- TEMPO Concentrate Insecticide kills mosquitoes and other nuisance pests on contact and keeps protecting for weeks in a single application. No mixing and measuring hassles. No messy cleanup. Controlling annoying outdoor insects around your home has never been easier.

[1/2 fl oz size only]

- Single dose packages
- Concentrate makes 1 gallon (each tube)

### ACTIVE INGREDIENT:

Cyfluthrin . . . . .0.75 %

OTHER INGREDIENTS . . . . .99.25 %

Net Contents: 16 fl oz or 32 fl oz or 4 x 0.5 fl oz

**STOP - Read This Entire Label Before Use**  
**KEEP OUT OF REACH OF CHILDREN**

**FOR OUTDOOR RESIDENTIAL USE ONLY**

## CAUTION

See back panel for ingredients and  
precautionary statements.

**NOTIFICATION**  
OCT 24 2002

**BACK PANEL] (except for 1/2 oz)**

3/7

**QUICK FACTS**

- Quickly Stops Harmful Insects Before They Do Damage
- Kills on contact and keeps on protecting
- Effective Against a Broad Range of Listed Pests
- Kills Pests Outdoors Before They Come Inside
- Ready To Spray...No Mixing, No Measuring (RTS)
- Easy, Accurate Measuring & Mixing (Concentrate)
- Apply With Most Common Garden Sprayers

**KILLS**

(ART: ant, flea, spider, tick)

Ants	Japanese beetles (adults)
Aphids	Lace bugs
Armyworms	Leaf Beetles
Aster leafhoppers	Leaf-feeding beetles
Bagworms	Leaf-feeding caterpillars
Banded sunflower moths	Leafhoppers (including Glassy-winged Sharpshooter)
Bluegrass billbug (adults)	Leafminers
Boxelder bugs	Mealybugs
Budmoths	Midges
Cabbage loopers	Mole Crickets
Carrot weevils (adults)	Mosquitoes
Caterpillars	Pepper weevils (adults)
Celery leaf tiers	Pillbugs
Chiggers	Plant bugs
Chinch bugs	Potato aphids
Clover mites	Potato leafhoppers
Cockroaches	Roaches
Colorado potato beetles	Scale (crawler stages)
Corn borers	Seed weevils (adults)
Corn earworms	Sod Webworms
Corn rootworms (adults)	Sowbugs
Crickets	Spiders
Cutworms	Spittlebugs
Earwigs	Stem weevil (adults)
Elm leaf beetles	Stink bugs
Fire ants	Sunflower beetles
Flea beetles	Sunflower moths
Fleas	Thrips
Flies	Ticks (including deer ticks)
Garden webworms	Tomato Fruitworms
Grasshoppers	Tomato Hornworms
Gypsy Moth Larvae	Tomato Pinworms
Head clipper weevils (adults)	Wasps
Hyperodes weevil (adults)	Weevils (adults)
	Western Flower Thrips
	Whiteflies

**COVERAGE**

Makes up to 64 gallons of spray (32 oz) (For Ornamental Application)  
Covers 5,333 sq ft (Lawn Application)

**WHERE TO USE**

Lawns, Ground Covers, Flowers, Shrubs, Trees, Vegetables, Around Homes

**WHEN TO USE**

When insects or damage first appear

**HOW MUCH TO USE**

Dilute 1/2 oz (1 Tablespoon) per gallon of water (Ornamental)  
No measuring needed. Dilutes automatically. (Lawn)



Questions or comments, call toll-free (877) 229-3724  
www.BayerAdvanced.com

**ACTIVE INGREDIENT:**

Cyfluthrin ..... 0.75 %

**OTHER INGREDIENTS\*** ..... 99.25 %

100.00 %

\*Other ingredients include: Water, organic solvent (less than 3%, to dissolve the active ingredient for mixing) and surfactants (to keep the active ingredient dispersed in water).

Cyfluthrin is the chemical name for Tempo®

EPA Reg. No. 3125-502

EPA Est. No. XXXX-AA-1

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**Caution**

Harmful if swallowed or inhaled.

- Causes eye irritation.
- Avoid contact with skin, eyes, or clothing.
- Wash thoroughly with soap and water after handling.
- Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with this insecticide.

**First Aid** ➦

**IN THE CASE OF ACCIDENTAL...**

**IMMEDIATELY...**

**Swallowing**

If the person is able to swallow:

- Have them sip 1 to 2 glasses of water.
- Call a doctor or poison control center for further treatment advice.

**Contact with eyes**

• Hold eye open and rinse slowly and gently with water.

- Continue to rinse eye for 10 to 15 minutes.
- Call a doctor if irritation persists.

**Inhalation**

• If breathing is affected, move person to fresh air.

- Contact doctor or poison control center for further treatment advice.
- If not breathing, call an ambulance and give artificial respiration.

**NOTE:** When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call toll-free (877) 229-3763 for medical emergency information. Active Ingredient: Cyfluthrin [EAS # 68359-37-5]

**Environmental Hazards**

- This pesticide is toxic to fish. Do not apply directly to water.
- Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.
- This pesticide is highly toxic to bees. Do not apply TEMPO Concentrate Insecticide when bees are active.
- 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.

For best results, read and follow all label directions.

**BEFORE YOU USE**  
Read and follow these directions when using:

- Apply the product to flowering plants during early morning or late evening, when bees are not present.
- Do not spray the product into fish pools, ponds, streams, or lakes.
- Remove animal feeding dishes prior to application. Keep children and pets away from treated areas until spray has dried.

**WHEN TO USE**

Spray when insects or damage first appear. For severe infestations, repeat every 7 to 14 days as necessary

**HOW TO USE**

Shake well before using.

[For 1/2 oz size only.]

1. Remove one applicator tube from the package.
2. Hold the applicator tube in an upright position. Pull the cap off the tube.
3. Turn the cap around and place the other end of the cap back on the tube.
4. Twist the cap to break the seal, then remove the cap from the tube.
5. Mix with water to make 1 gallon of finished spray.
6. Discard the empty tube as described in Storage and Disposal.

**MIXING & MEASURING**

SEE SPRAYER TYPES

**HOW MUCH TO USE**

Dilute 1/2 oz (1 Tbs) per gallon of water (ART)

**HOW TO SPRAY**

Adjust nozzle on your sprayer to desired spray pattern.  
Hold sprayer about 12 inches from foliage.  
Spray leaves and tender new shoots.

ART: of steps above

To kill insects that may hide, spray the underside of the leaves. Apply until leaves are evenly coated with spray, but not dripping.

ART: spraying undersides of leaves

**HOUSEHOLD NUISANCE PESTS OUTDOORS****PEST**

Ants	Earwigs	Pillbugs
Boxelder bugs	Flies	Sowbugs
Clover mites	Midges	Spiders
Cockroaches	Mosquitoes	Wasps
Crickets		

**HOW TO APPLY**

Spray thoroughly beneath shrubs, around house foundation and in nearby tall grass or weeds. Cover evenly.

ART

Adjust sprayer nozzle to a coarse spray to reach down into tall grass.

ART

1 gallon of spray treats 1,000 sq ft of ground.

**FLOWERS, TREES, SHRUBS, GROUND COVERS****PEST**

Aphids	Japanese beetle (adults)	Mealybugs
Bagworms	Lace bugs	Pillbugs
Boxelder bugs	Leaf-feeding caterpillars	Scale (crawler stages)
Clover mites	Leaf-feeding beetles	Spittlebugs
Elm leaf beetles	Leafhoppers	Thrips
Grasshoppers	(including Glassy-winged Sharpshooter)	Whiteflies
Gypsy moth larvae		

**HOW TO APPLY**

Spray foliage, tender new shoots and the underside of leaves thoroughly.

To kill insects that hide, spray the underside of the leaves. Apply until leaves are evenly coated with spray droplets, but not dripping.

(ART)

**VEGETABLES**

[Ready-to-Spray package only]

This product is ready to spray. Just attach this bottle to your hose according to directions. Water automatically mixes with the concentrate as you spray.

<b>Carrots Radishes</b>	<b>Sweet corn Tomatoes</b>
No waiting. You may spray up to day of harvest. Do not spray more than 5 times per season.	
<b>PEST</b>	
Aphids Armyworms Aster leafhoppers Cabbage loopers Carrot weevils (adults) Chinch bugs Colorado potato beetles Corn borers Corn earworms Corn rootworm (adults) Cutworms	Flea beetles Grasshoppers Leafhoppers Leafminers Potato aphids Stink bugs Thrips Tomato fruitworms Tomato hornworms Tomato pinworms Weevils (adults) Western Flower Thrips
<b>HOW TO APPLY</b>	
Spray foliage, tender new shoots and the underside of leaves thoroughly.	
To kill insects that hide, spray the underside of the leaves. Apply until leaves are evenly coated with spray droplets, but not dripping.	
(ART)	

<b>Peppers</b>
After spraying, wait 7 days before harvest. Do not spray more than 6 times per season.
<b>PEST</b>
Armyworms Cabbage loopers Celery leaf tiers Corn borers Corn earworms Garden webworms
Leafhoppers (including Glassy-winged Sharpshooter) Leafminers Pepper weevils (adults) Potato leafhoppers Thrips Weevils (adults)

<b>Sunflowers</b>
After spraying, wait 30 days before harvest. Do not spray more than 3 times per season.
<b>PEST</b>
Banded sunflower moths Budmoths Cutworms Grasshoppers Head clipper weevils (adults) Leafhoppers (including Glassy-winged Sharpshooter)
Midges Seed weevils (adults) Stem weevils (adults) Sunflower beetles Sunflower moths Weevils (adults)


**HOW TO ATTACH & SPRAY**

- |   |  |
|---|--|
| <p>1. Connect your garden hose to the bottle. Be sure the (color inserted here) water control valve on top of the spray nozzle is in the OFF position.</p> <p>(ART)</p>   | <p>2. Turn on water at faucet. Twist the small, star-shaped, (color inserted here) product-control button to align the flat portion with the lock tab. Push the button in to open. Be certain to choose the setting below which describes your use area. (See below).</p> <p>(ART)</p>   |
| <p><b>For Use On Lawn Pests:</b> Turn on water at faucet. Pull the small star-shaped, (color inserted here) product-control button out until it stops. Twist the (color inserted here) product-control button so that the "L" on the product-control button is at the top of the control valve AND the product control valve is aligned with the flat portion of the lock tab. Push the button in to open. Proceed to step #3.</p> <p>(ART)</p> | <p><b>For All Other Uses:</b> Turn on water at faucet. Pull the small star-shaped, (color inserted here) product-control button out until it stops. Twist the (color inserted here) product-control button so that the "G" on the product-control button is at the top of the control valve AND the product control valve is aligned with the flat portion of the lock tab. Push the button in to open. Proceed to step #3.</p> <p>(ART)</p> |
| <p>3. To begin spraying, point nozzle toward the area to be treated and turn the (Color) water control valve to the ON position. Tab will be horizontal.</p> <p>(ART)</p>   | <p>4. To stop spraying, turn the (color) water control valve on top of the spray nozzle to OFF. To close, push in the small round button opposite the star-shaped product-control button. Turn off faucet.</p> <p>(ART)</p>  |

**TIPS FOR APPLYING**

- |  |   |
|--|---|
| <p>1. Extend hose to the farthest area to be treated and work back toward the faucet to avoid walking into wet, treated area.</p> <p>(ART)</p> | <p>2. Walk at a steady pace while spraying, using an even sweeping motion, slightly overlapping the treated areas.</p> <p>(ART)</p> |
|--|---|

LAWN PESTS (3 fl oz per gallon of water (covers 500 sq ft))	
PEST	
Ants	Fire ants
Armyworms	Fleas
Bluegrass Billbugs (adults)	Grasshoppers
Chiggers	Hyperodes weevils (adults)
Chinch bugs	Japanese Beetles (adults)
Crickets	Mole Crickets
Cutworms	Sod webworms (lawn moths)
Earwigs	Ticks (including deer ticks)
HOW TO APPLY	
Use a hose-end sprayer according to sprayer directions. The goal is to have large droplets and enough spray to penetrate the lawn and reach the soil.	
Do not mow for one day after application.	

	Children and pets may re-enter the treated area after spray has dried.
---	--

SPRAYER TYPES
(ART: ICON OF PUMP TYPE)
<b>For Pump Style Tank Sprayer:</b>
To make one gallon of spray:
<ol style="list-style-type: none"><li>1. Open flip-top lid.</li><li>2. Gently squeeze bottle until concentrate reaches 1/2 oz fill line.</li><li>3. Dilute with 1 gallon of water.</li><li>4. Close sprayer and shake well before applying.</li></ol>


(ART: ICON OF Dial TYPE)
<b>For Dial-Style Hose-End Sprayers:</b>
Dilution rate: 1/2 oz per gallon (1 tablespoon = 1/2 oz)
<ol style="list-style-type: none"><li>1. Fill sprayer jar with enough concentrate to cover area to be treated.</li><li>2. Close sprayer and set dial.</li><li>3. Attach sprayer to hose and apply.</li><li>4. To avoid contact with the treated area, begin by spraying area farthest from faucet walking backwards as you spray.</li></ol>
(OR)
Fill sprayer jar with enough concentrate to cover area to be treated and follow sprayer label directions for applying.

(ART: ICON OF Concentrate-Plus-Water Hose-End TYPE)
<b>For Concentrate-Plus-Water Hose-End Sprayers:</b>
Dilution rate: 1/2 oz per gallon (1 tablespoon = 1/2 oz)
<ol style="list-style-type: none"><li>1. Pour concentrate into sprayer jar to the required fluid ounce level.</li><li>2. Add the appropriate amount of water to the gallons level.</li><li>3. Replace sprayer top and shake well before applying.</li><li>4. To avoid contact with the treated area, begin by spraying area farthest from faucet walking backwards as you spray.</li></ol>
(OR)
Pour concentrate into sprayer jar to the required fluid ounce level and follow sprayer label directions for applying.

FOR BEST RESULTS
Do not water the foliage within one hour after applying. To avoid serious damage to plants, eliminate pests early in the season before they multiply.

Bayer Corporation  
Garden & Professional Care  
Box 4913  
Kansas City, MO 64120-0013  
(800) 842-8020



<b>IMPORTANT: Directions for Storage and Disposal</b>	
Storage Conditions:	Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet. Protect from freezing.
Disposal: 	<ul style="list-style-type: none"> <li>• Do not reuse empty container.</li> <li>• Rinse the empty product container thoroughly.</li> <li>• Include rinse water in application.</li> <li>• Place container in trash.</li> </ul>
<b>Important:</b> It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow any applicable state or local guidelines.	

<b>NOTICE</b>
Research and testing have determined that the "Directions for Use" are appropriate for the proper use of TEMPO Concentrate Insecticide under expected conditions. The Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.

<b>Label text for 1/2 fl oz tube:</b>
<p>Active Ingredient: cyfluthrin, 0.75%</p> <p>EPA Reg. No. 3125-502</p> <p><b>CAUTION</b></p> <p>Keep Out of Reach of Children</p> <p>See package for precautionary statements and directions for use</p>

**B-9428c 012400**

**Tempo Concentrate Insecticide**  
**EPA Reg. No. 3125-502**  
**October 18, 2002**

## **Section II - Explanation**

With this application, Bayer Corporation is submitting a Notification to rephrase previously accepted claims on the label of **Tempo Concentrate Insecticide, EPA Reg. No. 3125-502** without altering the claim intent. The enclosed minor text changes are being provided to the Agency in accordance with PR Notice 98-10, II, N "Other Revisions". One copy of the revised label, highlighted with changes, is enclosed for the Agency files.

The modified claims are:

- Kills on contact plus protects for weeks
- Kills on contact and keeps on protecting for weeks
- Also kills fleas, ticks & 58 other nuisance pests
- Tempo Concentrate Insecticide kills mosquitoes and other nuisance pests on contact and keeps protecting for weeks in a single application. No mixing and measuring hassles. No messy cleanup. Controlling annoying outdoor insects around your home has never been easier.

This notification is consistent with the provision of PR Notice 98-10 and EPA regulations at 40 CFR 152.46. No other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and Bayer Corporation may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Tempo Concentrate notification 1 02.wpd

**NOTIFICATION**

**OCT 24 2002**