



003125-00502-051999

Printed: 07:09:18 Friday, 18 Jun, 1999 # 2 / 3280

Systems Integration Group, Inc.

PM03

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

3125-502

5/19/99

129

MAY 19 1999

John S. Thornton  
 Director, Product Registrations  
 and Regulatory Affairs  
 Bayer Corporation  
 Agriculture Division  
 8400 Hawthorn Road  
 P.O. Box 4913  
 Kansas City, MO 64120-0013

Subject: Amendment - Label Revision  
 Tempo Concentrate  
 EPA Registration No. 3125-502  
 Your submissions dated March 5, 1999

Dear Mr. Thornton:

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

1. Delete the phrase "LOW ODOR" from the front panel of the label. "New" may used only for a period of 6 months after the release of the product in the marketplace. "Low Odor" is a subjective statement and there are no product chemistry data to support this claim..
2. Add the statement "Food Utensils such as teaspoons and measuring cups should not be used for food purposes after use with this insecticide" to your Precautionary Statements.
3. Add the signal word "CAUTION" to the 1/2 fl oz tube label.
4. Delete all phrases that say "Keeps on Killing for Weeks". This directly contradicts your statement of "repeat every 7 to 14 days as necessary".

5. Delete the phrase "Kills on Contact" and there is no efficacy data to support this claim.

SYMBOL	75052						
SURNAME	Sproat						
DATE	5/19/99						

6. Please change the statement "Effective Against Broad Range of Pests" to read "Effective Against Broad Range of Listed Pests".
7. Under the FOR BEST RESULTS section, please change the first sentence to read "Do not water the foliage within one hour after applying".
8. Under the BEFORE YOU USE section, please add in the bulleted statement "Remove animal feeding dishes prior to application. Keep children and pets away from treated areas until the spray has dried".
9. Delete the phrase "ADVANCED PROTECTION FORMULA" from the front of your label. There has been no change in your CSF since the previously approved label.
10. Add the following statement to the front panel "See back panel/booklet for ingredients and precautionary statements."
11. Add "Causes Eye Irritation" beneath the signal word on the front panel.

If you have any questions, please call Dr. William Sproat of my team at 703-308-8587.

Sincerely,

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

Enclosure

Reason to Issue: To revise use directions.

Date of Pre-Reg Draft: 03/04/99 (B)

[FRONT PANEL]

# Tempo<sup>®</sup> Concentrate

## Insecticide

NEW!  
GUARANTEED SATISFACTION

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

READY TO SPRAY  
ECONOMICAL CONCENTRATE  
CONCENTRATE  
MULTI-INSECT SPRAY  
KILLS INSECTS  
RAINFOOF WITHIN 1 HOUR OF APPLICATION

### ADVANCED PROTECTION FORMULA

- Just One Application Quickly Kills Insects
- Keeps on Killing for Weeks
- Kills Over 60 Different Outdoor Insects
- Treats 5,333 sq ft (For Lawns)
- Effective Home Barrier Treatment

### DOUBLE PROTECTION FORMULA

- Fast Acting...Kills on Contact
- Long Lasting...Keeps on Killing for Weeks
- Fast Acting
- Long Lasting

### LOW ODOR

[1/2 fl oz size only]

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

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

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

ACCEPTED  
with COMMENTS  
to EPA Letter 03/04/99

MAY 19 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
is accepted for the pesticide  
registered under EPA Reg. No.  
**3125-502**

4.69

**TEMPO Concentrate Insecticide**

[OUTSIDE BACK PANEL] (except for 1/2 oz)

**Quick Facts  
(Product Facts)**

- ✓ Quickly Stops Harmful Insects Before They Do Damage
- ✓ Effective Against a Broad Range of 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 Aphids Armyworms Aster leafhoppers Bagworms Banded sunflower moths Bluegrass billbug (adult) Boxelder bugs Budmoths Cabbage loopers Carrot weevils Caterpillars Celery leaf tiers Chiggers Chinchbugs Clover mites Cockroaches Colorado potato beetles Corn borers Corn earworms Corn rootworms (adults) Crickets Cutworms Earwigs Elm leaf beetles Fire ants Flea beetles Fleas Flies Garden webworms Grasshoppers Gypsy Moth Larvae Head clipper weevils Household nuisance pests (outdoors) Hyperodes weevil (adult) Japanese beetles (adult)	Lacebugs Leaf Beetles Leaf-feeding beetles Leaf-feeding caterpillars Leafhoppers Leafminers Mealybugs Midges Mole Crickets Mosquitos Nuisance pests (outdoors) Pepper weevils Pillbugs Plant bugs Potato aphids Potato leafhoppers Roaches Scale Crawlers Scale insects (crawler stages) Seed weevils Sod Webworms Sowbugs Spiders Spittlebugs Stem weevil adults Stinkbugs Sunflower beetles Sunflower moths Thrips Ticks (including deer ticks) Tomato Fruitworms Tomato Hornworms Tomato Pinworms Wasps 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)	
ART: GRAPHIC OF PHONE	Questions, comments, or medical information call 1-800-842-8020 <a href="http://www.bayer.com">www.bayer.com</a>	

If you use TEMPO Concentrate Insecticide as directed and are not completely satisfied, we will promptly refund your money. For details, call us at 1-800-842-8020.

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# TEMPO Concentrate Insecticide

## Ingredients

### 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).

EPA Reg. No. 3125-502

EPA Est. No. XXXX-AA-1

### [INSIDE BOOKLET]

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

#### First Aid

Harmful if swallowed or inhaled.

- Causes eye irritation.
- Avoid contact with skin, eyes, or clothing.
- Wash thoroughly with soap and water after handling.

The table below describes the first aid procedures for incidents involving TEMPO Concentrate Insecticide.

IN THE CASE OF ACCIDENTAL...	IMMEDIATELY...
Swallowing	If the person is able to swallow: <ul style="list-style-type: none"><li>• Have them sip 1 to 2 glasses of water</li><li>• Call a doctor or poison control center for further treatment advice</li></ul>
Contact with eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water.</li><li>• Continue to rinse eye for 10 to 15 minutes.</li><li>• Call a doctor if irritation persists.</li></ul>
Inhalation	<ul style="list-style-type: none"><li>• If breathing is affected, move person to fresh air</li><li>• Contact doctor or poison control center for further treatment advice</li><li>• If not breathing, call an ambulance and give artificial respiration.</li></ul>
<b>NOTE:</b> 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 800-414-0244 for medical emergency information. Active Ingredient: Cyfluthrin [CAS # 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.

### 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.

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## TEMPO Concentrate Insecticide

<b>WHEN TO USE</b>	Spray when insects or damage first appear. For severe infestations, repeat every 7 to 14 days as necessary
<b>MIXING &amp; MEASURING</b>	SEE SPRAYER TYPES
<b>HOW MUCH TO USE</b>	Dilute 1/2 oz (1 Tbs) per gallon of water (ART)

<b>HOW TO SPRAY</b>	<p>Adjust nozzle on your sprayer to desired spray pattern.          Hold sprayer about 12 inches from foliage.          Spray leaves and tender new shoots.</p> <p>ART: of steps above</p> <p>To kill insects that may hide, spray the underside of the leaves. Apply until leaves are evenly coated with spray, but not dripping.</p> <p>ART: spraying undersides of leaves</p>
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### HOUSEHOLD NUISANCE PESTS OUTDOORS

PEST	HOW TO APPLY
Ants Boxelder bugs Clover mites Cockroaches Crickets Earwigs	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	HOW TO APPLY
Aphids Bagworms Boxelder bugs Clover mites Elm leaf beetles Grasshoppers Gypsy moth larvae Japanese beetle (adults) Lacebug	Leaf-feeding caterpillars Leaf-feeding beetles Leafhoppers Mealybugs Pillbugs Scale (crawlers only) Spittlebugs Thrips Whiteflies
	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)

**TEMPO Concentrate Insecticide**

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VEGETABLE	PEST (concentrate)		HOW TO APPLY
<b>Carrots</b> <b>Radishes</b> <b>Sweet corn</b> <b>Tomatoes</b>  No waiting. You may spray up to day of harvest.  Do not spray more than 5 times per season.	Armyworms Aster leafhoppers Cabbage loopers Carrot weevils Chinchbugs Colorado potato beetles Corn borers Corn earworms Corn rootworm adults Cutworms	Flea beetles Grasshoppers Leafminers Potato aphids Stinkbugs Tomato fruitworms Tomato hornworms Tomato pinworms Western Flower Thrips	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.	Armyworms Cabbage loopers Celery Leaf tiers Corn borers Corn earworms	Garden webworms Leafminers Pepper weevils Potato leafhoppers Thrips	
<b>Sunflowers</b>  After spraying, wait 30 days before harvest.  Do not spray more than 3 times per season.	Banded sunflower moths Budmoths Cutworms Grasshoppers Head clipper weevils	Midges Seed weevils Stern weevil adults Sunflower beetles Sunflower moths	

[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.

HOW TO ATTACH & SPRAY	
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.  (ART)	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.  (ART)
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.  (ART)	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.  (ART)

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



TEMPO Concentrate Insecticide

LAWN PESTS (3 fl oz per gallon of water (covers 500 sq ft))		
PEST		HOW TO APPLY
Ants	Fire ants	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.
Armyworms	Fleas	
Bluegrass Billbugs (adults)	Grasshoppers	
Chiggers	Hyperodes weevils (adults)	
Chinchbugs	Japanese Beetles (adults)	
Crickets	Mole Crickets	
Cutworms	Sod webworms (lawn moths)	
Earwigs	Ticks (including deer ticks)	

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

Sprayer Types

(ART: ICON OF PUMP TYPE)

For Pump Style Tank Sprayer:

To make one gallon of spray:

1. Open flip-top lid.
2. Gently squeeze bottle until concentrate reaches 1/2 oz fill line.
3. Dilute with 1 gallon of water.
4. Close sprayer and shake well before applying.

(ART: ICON OF Dial TYPE)

For Dial-Style Hose-End Sprayers:

Dilution rate: 1/2 oz per gallon (1 tablespoon = 1/2 oz)

1. Fill sprayer jar with enough concentrate to cover area to be treated.
2. Close sprayer and set dial.
3. Attach sprayer to hose and apply.
4. To avoid contact with the treated area, begin by spraying area farthest from faucet walking backwards as you spray.

(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)

For Concentrate-Plus-Water Hose-End Sprayers:

Dilution rate: 1/2 oz per gallon (1 tablespoon = 1/2 oz)

1. Pour concentrate into sprayer jar to the required fluid ounce level.
2. Add the appropriate amount of water to the gallons level.
3. Replace sprayer top and shake well before applying.
4. To avoid contact with the treated area, begin by spraying area farthest from faucet walking backwards as you spray.

(OR)

Pour concentrate into sprayer jar to the required fluid ounce level and follow sprayer label directions for applying.

**FOR BEST RESULTS**

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

# TEMPO Concentrate Insecticide

## **IMPORTANT: Directions for Storage and Disposal**

### **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**

- Do not reuse empty container.
- Rinse the empty product container thoroughly.
- Include rinse water in application.
- Place container in trash.

**Important.** 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.

## **NOTICE**

Research and testing has 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.

### **Label text for 1/2 fl oz tube:**

Active Ingredient: cyfluthrin, 0.75%

EPA Reg. No. 3125-502

Keep Out of Reach of Children

See package for precautionary statements and directions for use