

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

June 3 2010

Mr. Charles W. Boyd Bayer Advanced 2 T.W. Alexander Drive Research Triangle Park, NC 27709

> Subject: Label Notification(s) for Pesticide Registration Notice 98-10 Addition of Alternate Brand Name(s)

Dear Mr. Boyd:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice PRN 98-10 dated May 18, 2010 for the following product(s):

Tempo Concentrate Insecticide.

EPA Reg. No. 72155-39

Alternate Brand Name(s): Bayer Advanced Vegetable & Garden Insect

Spray Concentrate

Alternate Brand Name(s): Bayer Advanced Vegetable & Garden Insect

Spray Ready-to-Spray

The Registration Division (RD) has conducted a review of this request for applicability under PRN 98-10 and finds that the label change(s) requested falls within the scope of PRN-98-10. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on <u>nonrefillable</u> containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact Regina Foushee'-Smith at 703-605-0780.

Richard J. Gebken Product Manager

Insecticide Branch

Registration Division (7505P)



\$EPA	Environmental	nited States Protection agton, DC 20460	_	ncy	x	Registration Amendme Other		OPP Identifier Number
Application for Pesticide - Section I								
1. Company/Product Number 72155-39			2. EPA Product Manager Mark Suarez			3. Proposed Classification X None Restricted		
4. Company/Product (Name) Tempo Concentrate Insec	ticide	 		PM# 13				
5. Name and Address of Applicant (Include ZIP Code) Bayer Advanced 2 T.W. Alexander Drive Research Triangle Park, NC 27709 Check if this is a new address			6. Expedited Reveiw. 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				mposition and labeling	
		·	Sect	ion - II				
Amendment - Explain below. Resubmission in response to Agency letter dated Me Too" Application. X Notification - Explain below. Capture dated Other - Explain below. Capture dated Me Too" Application. Capture dated Other - Explain below. Capture dated Me Too" Application. Capture dated								
			Secti	on - III				
1. Material This Product Will Child-Resistant Packaging Yes No * Certification must be submitted	Unit Packaging Yes No If "Yes" Unit Packaging wgt.					P	fetal lastic ilass aper	pecify)
3. Location of Net Contents Information 4. Size(s) Re		4. Size(s) Retail		(1	<u>L</u>	cation of Lebel I	Directio	ns
6. Manner in Which Label is Affixed to Product Lithograph Other Stenciled								
Section - IV 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)								
Name Tit			tle	Tel		ephone	No. ((nellede Area Code)	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and corpoleta. I acknowledge that any knowlingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. 2 Sizenture: Digitally signed by Charles Boyd 2 Title 2 Title 2 Title 2 Title 3 Tit								
2. Signature Clarl W. Boy Div. cn-Consumer, composition of the compos		c=US, o=Bayer urner, ayercropscience.	Registrations Manager			0	0000 0	
4. Typed Name Charles W. Boyd		l	May 18, 2010				6 6 6 6 6 6	

(Front Panel)

Tempo Concentrate Insecticide

(ABN) Bayer Advanced Vegetable & Garden Insect Spray Concentrate (ABN) Bayer Advanced Vegetable & Garden Insect Spray Ready-to-Spray

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

Measure-Up™ Cup

Exact Measure Every Time

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/Yard Barrier Treatment
- Contains Tempo®

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.
- Protects home lawns, fruits & nuts, vegetables, houseplants, roses, flowers, trees & shrubs.
- Kills [controls] ants, aphids, chinch bugs, cutworms, fleas, mites, mosquitoes, sod webworms and many other listed insects
- Kills & Repels bugs in your backyard [yard]!
- · Kills and repels mosquitoes
- Kills bugs fast
- Controls [Kills] ants, aphids, chinch bugs, cutworms, fire ants, fleas, beetles, grubs, mites, sod webworms and many other listed insects (others listed)
- Kills & Repels mosquitoes, flies, ants, fleas, ticks (including those which may transmit Lyme Disease), and other annoying pests!
- Keeps killing for weeks
- Kills ants, fleas, bagworms, grasshoppers, mole crickets, chinch bugs, sod webworms, crickets, aphids, mosquitoes, and other listed insects
- Just One Application Quickly Kills Insects
- Kills many troublesome outdoor insects which destroy lawns, roses, flowers, trees and shrubs, or annoy people or pets
- · Keeps on Killing for up to 14 Days
- Kills Over 60 Different Outdoor Insects

- Kills up to 70 insects [pests as listed]
- · Fast Acting...Kills on Contact
- Long Lasting
- Works in Hours
- Quickly Stops Harmful Insects before they do damage
- Effective Against a Broad Range of Listed Pests
- · Kills Pests Outdoors Before They Come Indoors
- Helps protect your [house] [home] from invading insects [ants]
- Keeps annoying insects away
- Protects your yard all weekend long
- Won't wash away [in rain]
- Do-it-yourself pest control
- Just connect to your [garden] hose and spray
- Low odor
- For use around foundations, outside buildings, porches, wood piles, wooden fences and decks [patios]
- For Use On: Lawns, Ground Covers, Flowers, Shrubs, Trees, Vegetables, Around Homes
- For Use Outdoors on tawns, Shrubs, Trees, and in Flower or Vegetable Gardens
- Ready-To-Spray [Concentrate]
- · Effective Home Barrier Treatment
- Creates a barrier around your home
- · Ready-To-Spray...No Mixing, No Measuring (RTS)
- · Apply with Most Common Garden Sprayers
- Rainproof in 1 hour
- · Rainproof within 1 hour of Application
- Protects house lawns, flowers, shrubs, and trees
- Water Based
- Satisfaction guaranteed or your money back
- Long Lasting Non stop protection
- 100% Satisfaction Guaranteed
- This product kills outdoor pests on contact. Keeping your yard and garden free of listed nuisance pests has never been easier.

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ACTIVE INGREDIENT:		60 6
Cyfluthrin	000000	0.75%
OTHER INGREDIENTS	0 0	\$2.25%
	000000	0
Net Contents: 16 fl oz or 32 fl oz or 40 fl oz	00	0 00
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STOP - Read This Entire Label Before U	امم ومزده	o
STOP - Read This Entire Laber Before	J56	G O
KEEP OUT OF REACH OF CHILDREN	V	6 0 6 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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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 Inseide

Ready to Spray...No Mixing, no Measuring (RTS)

Easy, Accurate Measuring & Mixing (Concentrate)

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) Stink bugs Sunflower beetles Sunflower moths Thrips Ticks (including deer ticks)			
	Elm leaf beetles				
	Fire ants				
	Flea beetles				
	Fleas				
	Flies				
	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			
COVERAGE	Makes up to 64 gallons of spray (32 oz) (For Orr				
	Covers 5,333 sq ft (Lawn Application)	0000000			
WHERE TO USE					
WHEN TO USE	When insects or damage first appear				
HOW MUCH TO USE	Dilute ½ oz (1 Tablespoon) per gallon of water (Ornamental)				
	No measuring needed. Dilutes automatically (Lawn)				
	For questions or comments, call toll-free 1-877-E	ЗауегАG (1-877-229-3724)			
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ACTIVE INGREDIENT:

Cyfluthrin is the chemical name for Tempo®

EPA Reg. No. 72155-39

EPA Est. No. XXXX-AA-1

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

Caution

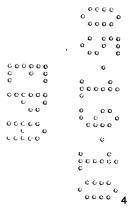
Harmful if swallowed or inhaled

- · 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 • +			
If Inhaled	Move person to fresh air.		
	If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.		
	Call a poison control center or doctor for further treatment advice		
If in eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes.		
	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.		
	Call a poison control center or doctor for treatment advice.		
If swallowed	Call a poison control center or doctor immediately for treatment advice.		
	Have person sip a glass of water if able to swallow.		
	Do not induce vomiting unless told to do so by the poison contro center or doctor.		
	Do not give anything by mouth to an unconscious person.		

DII	RECTIONS 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	[For ½ oz size only.]	
Shake well before using	Remove one applicator tube from the package.	
	Hold the applicator tube in an upright position. Pull the cap off the tube.	
	Turn the cap around and place the other end of the cap back on the tube.	
	Twist the cap to break the seal, then remove the cap from the tube.	
	Mix with water to make 1 gallon of finished spray.	
	Discard the empty tube as described in the Storage and Disposal.	
MIXING & MEASURING	SEE SPRAYER TYPES	
HOW MUCH TO USE	Dilute ½ 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 kills 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	

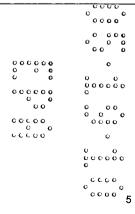
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VEGETABLES No waiting. You may spray up to day of harvest. Do not spray more than 5 times per year. Carrots Sweet Corn Radishes **Tomatoes** PEST **Aphids** Flea beetles Armyworms Grasshoppers Aster leafhoppers Leafhoppers Cabbage loopers Leafminers Carrot weevils (adults) Potato aphids Stink bugs Chinch bugs Colorado potato beetles **Thrips** Corn borers Tomato fruitworms Corn earworms Tomato hornworms Corn rootworm (adults) Tomato pinworms Cutworms Weevils (adults) Western Flower Thrips **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 Peppers After spraying, wait 7 days before harvest. Do not spray more than 6 times per season. PEST Leafhoppers (including Glassy-winged Shartshooter) Armyworms Cabbage loopers Leafminers Celery leaf tiers Pepper weevils (adults) Corn borers Potato leafhoppers Thrips Corn earworms Garden webworms Weevils (adults) **Sunflowers** After spraying, wait 30 days before harvest. Do not spray more than 3 times per season. PEST Banded sunflower moths Midges **Budmoths** Seed weevils (adults) Cutworms Stem weevils (adults) Grasshoppers Sunflower beetles Head clipper weevils (adults) Sunflower moths

Weevils (adults)

Leafhoppers (including Glassy-winged Sharpshooter)



FLOWERS, TREES, SHRUBS, GROUND COVERS **PEST** Aphids Japanese beetle (adults) Mealybugs Pillbugs Bagworms Lace bugs Boxelder bugs Leaf-feeding caterpillars Scale (crawler stages) Clover mites Leaf-feeding beetles Spittlebugs Elm leaf beetles Leafhoppers (Including Glassy-winged Thrips Sharpshooter) Grasshoppers 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

HOUSEHOLD NUISANCE PESTS OUTDOORS PEST Ants Earwigs Pillbugs Flies Boxelder bugs Sowbugs Spiders Clover mites Midges Cockroaches Mosquitoes Wasps Crickets **HOW TO APPLY**

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

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

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

ART

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	0000	
Use a hose-end sprayer according to sprayer directions	s. 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.	0 0 0	

000000 Children and pets may re-enter the treated area after spray has $\overset{\circ}{\text{dired}}\overset{\circ}{\text{ned}}\overset{\circ}{\text{ned}}\overset{\circ}{\text{ned}}$ ** 00 00000 60000

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[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				
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.	 Turn on the 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) 			
ART	ART			
For Use On Lawn Pests: 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/	For All Other Uses: 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.			
 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. 	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)			
(ART)				

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

[Concentrate package only]

SPRAYER TYPES

For Pump Style Tank Sprayer:	0 6 9 0
To make one gallon of spray: 1. Open flip-top lid	0000 0 000 0 0
 Gently squeeze bottle until concentrate reaches ½ oz. fill line. Dilute with 1 gallon of water 	οροορο ο ο ο
Close sprayer and shake well before applying.	000000
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(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 concentrated 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.

(ART: ICON OF PUMP TYPE)

For Pump Style Tank Sprayer:

To make one gallon of spray:

- 5. Open flip-top lid
- 6. Gently squeeze bottle until concentrate reaches ½ oz. fill line.
- 7. Dilute with 1 gallon of water
- 8. 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)

- 5. Fill sprayer jar with enough concentrate to cover area to be treated.
- 6. Close sprayer and set dial.
- 7. Attach sprayer to hose and apply.
- 8. 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.

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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.	
Disposal	If empty: Non-refillable container. Do not refill or reuse container. Place empty container in trash or offer for recycling if available.	
Ŵ	If partly filled: Call your local solid waste agency or toll free 1-877-229-3724 [1-800 CLEAN-UP] for disposal instructions. Never place unused product down any indoor or outdoor drain.	
	NOTICE	

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 or 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.

Label text for 1/2 fl oz tube:

For Concentrate-Plus-Water Hose-End Sprayers:

Active Ingredient: cyfluthrin, 0.75%

EPA Reg. No. 72155-39

CAUTION

Keep out of Reach of Children

See package for precautionary statements and directions for use

Environmental Hazards

- This pesticide is toxic to fish and other aquatic organisms.
- This pesticide is highly toxic to bees. Do not apply TEMPO 0.75% Concentrate Insecticide when bees are active.
- To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.



A Business Unit of Bayer CropScience LP P.O. Box 12014, 2 T.W. Alexander Drive Research Triangle Park, North Carolina 27709 Tempo Concentrate Insecticide (MASTER) Approved 01/05/05, Notification Submitted 08/11/05 Notification 08/28/06, Notification 12/12/08, Notification 04/21/10