



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

APR 28 2011

Annette M. Bloomberg
Bayer Advanced
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, NC 27709

Subject: Label Amendment

EPA Registration No.: 72155-40
Tempo Ready -to-Use Insecticide
Your submissions dated January 27, 2011 and March 7, 2011


Dear Ms. Bloomberg:

The labeling referred to above and 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. Two (2) copies of the final printed labeling must be submitted prior to releasing the product for shipment.

1. Under Directions for Use / Vegetable Crops, delete the following phrase concerning crop groups throughout the section: "*such as, but not limited to*".
2. Revise the last two sentences under Pesticide disposal to read:
 - "*If empty: Place in trash and offer for recycling if available.*"
 - "*If partially filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain*".
3. You may add the following language to the label:
 - Page 1: The word "*additional*" to the statement "See back panel/ booklet..."
 - Pages 6, 7 and 8: "*Brown marmorated stink bug*" *Colorado potato beetle*, and "*Potato leafhopper*" to the list of pests.

If you have any questions regarding this action, please contact Olga Odiott at (703)308-9369.

Sincerely,


Mark Suarez, Product Manager 13
Insecticide Branch
Registration Division (7505P)

(FRONT PANEL)

Tempo[®] Ready-to-Use Insecticide

ACCEPTED
with COMMENTS
in EPA Letter Dated
APR 28 2011
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
72155-40

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

For use on: Vegetables, Peanuts, Sunflowers, Grapes, Flowers, Shrubs, Groundcovers, Lawns and Around Homes

GUARANTEED SATISFACTION
READY TO USE
KILLS LISTED* INSECTS
MULTIPURPOSE INSECTICIDE

- Fast Acting...Kills Listed* Insects On Contact
- Long Lasting...Keeps On Killing For Up To 14 Days

FAST ACTING

LONG LASTING FOR UP TO 2 WEEKS

- Kills outdoor listed* pests on contact
- Lasts up to 14 days
- For use on flowers, shrubs, and listed* vegetables
- Just One Application Quickly Kills Listed* Insects
- Keeps On Killing For Up To 14 Days
- Use On Tomatoes Up To Day Of Harvest
- Contains Tempo®
- Low odor [formula]
- Won't harm plants
- Protects plants
- Water-based
- Kills Beetles (including Japanese Beetle adults), Caterpillars (including Tomato Hornworm), Ants, Armyworms, Ticks (including ticks carrying Lyme

disease) and [&] other listed* garden and [&] nuisance pests [insects] [bugs]

- Kills Beetles, Caterpillars, Ants, Ticks and [&] other listed* insects
- Kills [Controls over] [more than] 100 listed* insects [bugs] [pests] on vegetables, flowers, small trees and [&] shrubs
- Kills [Controls over] [more than] 100 listed* garden and nuisance pests without harming roses, flower, or shrubs
- Kill listed* insects on Contact
- Kills over 100 listed* insects [bugs] [pests] on contact
- On [For] [For use on] Roses, Flowers, Small trees, Shrubs, Fruits, Vegetables and [&] other Outdoor Surface [Areas]
- Can be used on [most popular] fruits and [&] vegetables (see back panel for details)
- User in (on) Vegetable Gardens
- Fast Acting Formula
- Reapply as directed for a more beautiful garden
- Guaranteed Kill or your money back
- Keeping your vegetable garden and lawn free of listed* pests has never been easier
- Kills aphids, Japanese beetles (adults), cutworms, tomato hornworms, and other listed* pests
- Also for use on lawns

* [The word "listed" can appear as a footnote with the appropriate phrase, such as *listed insects]

ACTIVE INGREDIENT:

Cyfluthrin 0.003 %

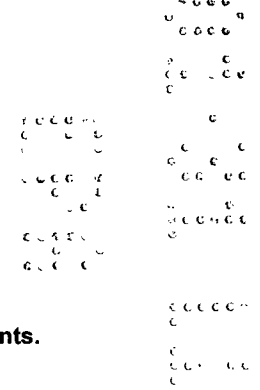
OTHER INGREDIENTS:

..... 99.997 %




Net Contents: 24 fl oz, 1/2 gallon, 1 gallon

STOP - Read This Entire Label Before Use
KEEP OUT OF REACH OF CHILDREN
FOR OUTDOOR RESIDENTIAL USE ONLY
CAUTION

See back panel / booklet for ingredients and precautionary statements.



(BACK PANEL)

<p>[For 1 gallon]</p> 		
<p>ATTACH SPRAYER</p> <ul style="list-style-type: none"> Remove sprayer from bottle and extend hose. Open flip-cap on bottle. Insert hose and plug into flip-cap opening until it snaps into place. 	<p>SPRAY</p> <ul style="list-style-type: none"> Adjust nozzle to stream or spray position. Point sprayer downward and squeeze trigger repeatedly until liquid is released. 	<p>AFTER USE</p> <ul style="list-style-type: none"> Turn sprayer nozzle to X (off) position. Do not unplug hose. Return sprayer to bottle. Sprayer will snap into place.



QUICK FACTS

- Ready to Use...No Mixing, No Measuring
- Quickly Stops Harmful Listed* Insects Before They Destroy Vegetables
- May Be Used Up to Day of Harvest on Tomatoes
- Effective Against Broad Range of Listed* Pests
- Quickly Stops Harmful Listed* Insects Before They Do Damage
- Kills Household Nuisance Pest Outdoors

KILLS

(ART: aphid, cabbage looper, tomato hornworm, whitefly)

<p>Ants Aphids Armyworms Aster leafhoppers Bagworms Banded sunflower moths Boxelder bugs Budmoths Cabbage loopers Carrot weevils (adults) Caterpillars Celery leaf tiers Chinch bugs Clover mites Cockroaches Colorado potato beetles Corn borers Corn earworms Corn rootworms (adults) Crickets Cutworms Earwigs</p>	<p>Elm leaf beetles Flea beetles Flies Garden webworms Grasshoppers Gypsy moth larvae Head clipper weevils (adults) Japanese beetles (adults) Lace bugs Leaf beetles Leaf-feeding beetles Leaf-feeding caterpillars Leafhoppers (including Glassy-Winged Sharpshooter) Leafminers Mealybugs Midges Mosquitoes Pepper weevils (adults) Pillbugs Plant bugs</p>	<p>Potato aphids Potato leafhoppers Scale (crawler stages) Seed weevils (adults) Sod webworms Sowbugs Spiders Spittlebugs Stem weevil (adults) Stink bugs Sunflower beetles Sunflower moths Thrips Tomato fruitworms Tomato hornworms Tomato pinworms Wasps Weevils (adults) Western flower thrips Whiteflies</p>
---	---	---

WHERE TO USE	Vegetable and flower gardens, shrubs, ground covers, lawns and around homes
WHEN TO USE	When insects or damage first appear For severe infestations, repeat every 7-14 days as specified.
WHEN TO HARVEST	See plant specific restrictions for pre-harvest interval. If no pre-harvest interval is listed, the product may be applied up to and including day of harvest.
 	<p>Questions or comments, call toll-free (877) 229-3724 www.BayerAdvanced.com</p>

ACTIVE INGREDIENT:

Cyfluthrin..... 0.003 %

OTHER INGREDIENTS:*..... 99.997 %

100.000 %

* Other ingredients include: Water, organic solvent (less than 0.1%, 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. 72155-40

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.
- Avoid breathing spray mist.
- Wash thoroughly with soap and water after handling.

First Aid

If Swallowed	<ul style="list-style-type: none"> • 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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If In Eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. • Call a poison control center or doctor for treatment advice.
If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.

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: 0.003% Cyfluthrin [CAS # 68359-37-5]

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

Environmental Hazards

- This pesticide is toxic to fish. Do not apply directly to water.
- 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.
- This pesticide is highly toxic to bees. Do not apply TEMPO Ready-to-Use Insecticide when bees are active.
- Apply this product only as specified on this label.
-

DIRECTIONS FOR USE	
<p>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.</p>	
<p>BEFORE YOU USE Read and follow these directions when using:</p>	<ul style="list-style-type: none"> • 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. • Do not use in small, enclosed areas where spray can be inhaled. • Do not water the treated area to the point of run-off. • Do not make application during rain. • All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: <ul style="list-style-type: none"> (1) Treatment to soil or vegetation around structures; (2) Applications to lawns, turf, and other vegetation; (3) Applications to building foundations, up to a maximum height of 3 feet. Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are to spot and crack-and crevice applications, only. • Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application
<p>WHEN TO USE</p>	<p>When insects or damage first appear.</p>
<p>HOW TO USE Shake well before using.</p>	<p>To apply TEMPO Ready-to-Use Insecticide:</p> <ul style="list-style-type: none"> • Adjust nozzle to desired spray pattern. • Hold sprayer about 12 inches from foliage. • Spray leaves, stems, and tender new shoots. • To kill insects that may hide, spray the underside of the leaves. Apply until leaves are evenly coated with spray, but not dripping. <p>(ART: spraying undersides of leaves)</p>
<p>HOW OFTEN TO USE</p>	<p>Kills insects on contact and keeps on killing for weeks. For severe infestations, repeat every 7 to 14 days as necessary.</p>

FLOWERS, SHRUBS, GROUND COVERS			
PEST			
Aphids	Grasshoppers	Leaf-feeding beetles	Scale (crawler stages)
Bagworms	Gypsy moth larvae	Leafhoppers (including Glassy-winged Sharpshooter)	Spittlebugs
Boxelder bugs	Japanese beetle (adults)	Mealybugs	Thrips
Clover mites	Lace bugs	Pillbugs	Whiteflies
Elm leaf beetles	Leaf-feeding caterpillars		
HOW TO APPLY			
<p>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)</p>			

FIELD CROPS

Peanut

After spraying, wait 14 days before harvesting.

Do not spray more than 3 times per season.

PEST

Armyworm (1 st and 2 nd instar)	Fall armyworm (1 st and 2 nd instar)	Potato leafhopper	Thrips
Bean leaf beetle		Rednecked peanutworm	Vegetable weevil
Beet armyworm (1 st and 2 nd instar)	Green cloverworm	Stink bugs	Velvetbean caterpillar
Cutworms	Grape colaspis (adult)	Threecornered alfalfa hopper	Whitefringed beetle (adult)
Corn earworm	Grasshoppers	Southern armyworm (1 st and 2 nd instar)	Whitefly (adult)
Corn rootworms (adult)	Japanese beetle (adult)	Soybean looper	
	June beetle (adult)		

Sunflowers

After spraying, wait 30 days before harvesting.

Do not spray more than 3 times per season.

PEST

Banded sunflower moth	Sunflower beetle	Sunflower midge
Cutworms	Stink bugs	Sunflower moth
Grasshoppers	Sunflower bud moth	Sunflower seed weevil
Palestriped flea beetle	Sunflower headclipping weevil	Sunflower stem weevil (adult)

VEGETABLE CROPS

Brassica (Cole) Leafy Vegetables:

Includes all members of Crop Group 5 such as, but not limited to:

Broccoli, Broccoli raab (rapini), Chinese (gai lon) broccoli, Brussels sprouts, Cabbage, Chinese (bok choy) cabbage, Chinese (napa) cabbage, Chinese mustard (gai choy) cabbage, Cauliflower, Cavalo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Mustard spinach, Rape greens, and Turnip greens.

No waiting to harvest.

Do not spray more than 4 times per season.

PEST

Alfalfa looper	Corn earworm	Japanese beetle (adult)	Southern cabbageworm
Armyworm (1 st and 2 nd instar)	Cutworms	Lygus bug	Tarnished plant bug
Beet armyworm (1 st and 2 nd instar)	Diamondback moth (larvae)	Meadow spittlebug	Thrips
Cabbage flea beetle	Fall armyworm (1 st and 2 nd instar)	Potato leafhopper	Vegetable weevil (adult)
Cabbage looper	Grasshoppers	Southern armyworm (1 st and 2 nd instar)	Whitefly (adult)
Cabbage webworm	Imported cabbageworm	Stink bugs	Yellowstriped armyworm (1 st and 2 nd instar)

Cucurbits (except crops grown for seed):

Includes all members of Crop Group 9 such as, but not limited to:

Balsam apple, Balsam pear, Bitter melon, Chayote, Chinese cucumber, Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Edible gourd (includes: hyotan, cucuzza, henchmia and Chinese okra), Muskmelon (includes: cantaloupe, true cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon), Pumpkin, Summer squash (includes: crookneck squash, scallop squash, straightneck squash, vegetable marrow, and zucchini), Watermelon, Winter squash (includes: butternut squash, calabaza, hubbard squash, acorn squash and spaghetti squash)

No waiting to harvest.

Do not spray more than 4 times per season.

PEST

Armyworm (1 st and 2 nd instar)	Cucumber beetle	Pickleworm	Stripped cucumber beetle
Cabbage looper	Grasshoppers	Potato leafhopper	Tarnished plant bug
Corn earworm	Lygus bug	Rindworm	Tobacco budworm
Cutworms	Melonworm	Stink bugs	Whitefly (adult)

Fruiting Vegetables

Includes all members of Crop Group 8 such as, but not limited to:

Eggplant, Groundcherry, Pepino, Pepper (includes: bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Tomatillo, and Tomato

No waiting to harvest for tomato. After spraying, wait 7 days before harvesting for all other crops.

Do not spray more than 6 times per season.

PEST

Beet armyworm (1 st and 2 nd instar)	Flea beetles	Southern armyworm (1 st and 2 nd instar)	Tomato hornworm
Cabbage looper	Garden symphylan**	Stink bugs	Tomato pinworm
Celery leaf-tier	Garden webworm	Tarnished plant bug *	Variegated cutworm
Colorado potato beetle *	Leafminers	Thrips (except <i>Thrips palmi</i>)	Whitefly (adult)
European corn borer	Pepper weevil	Tomato fruitworm (corn earworm)	Western yellowstriped armyworm (1 st and 2 nd instar)
	Potato aphid		
	Potato leafhopper		

Leafy Vegetables:

Includes all members of Crop Group 4 such as, but not limited to:

Amaranth (Chinese spinach), Arugula (rouquette), Cardoon, Celery, Chinese celery, Celtuce, Chervil, Chrysanthemum (edible-leaved and garland), Corn salad, Cress (garden and upland), Dandelion, Dock (sorrel), Endive (escarole), Florence fennel, Lettuce (head and leaf), New Zealand spinach, Orach, Parsley, Purslane (garden and winter), Radicchio (red chicory), Rhubarb, Spinach, Swiss chard, Vine spinach

No waiting to harvest.

Do not spray more than 4 times per season.

PEST

Alfalfa looper	European corn borer	Japanese beetle (adult)	Stink bugs
Beet armyworm (1 st and 2 nd instar)	Fall armyworm (1 st and 2 nd instar)	Leafhoppers	Tarnished plant bug
Cabbage looper	Flea beetles	Lygus bug	Thrips
Corn earworm	Grasshoppers	Meadow spittlebug	Vegetable weevil (adult)
Cutworms	Green cloverworm	Saltmarsh caterpillar	Whitefly (adult)
Diamondback moth (larvae)	Imported cabbageworm	Southern armyworm (1 st and 2 nd instar)	Yellowstriped armyworm (1 st and 2 nd instar)

Potato and Other Tuberous and Corm Vegetables:
 Includes all members of Crop Subgroup 1C such as, but not limited to:
 Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Edible canna, Cassava (bitter and sweet), Chayote root, Chufa, Dasheen (taro), Ginger, Leren, Potato, Sweet potato, Tanier, True yam, Turmeric, Yam bean
 No waiting to harvest.
 Do not spray more than 6 times per season.

PEST			
Aphids	European corn borer	Potato psyllid	Sweetpotato weevil (adults)
Cabbage looper	Flea beetles	Potato tuberworm	Tarnished plant bug
Cutworms			

Root Vegetables (except sugarbeet):
 Includes all members of Crop Subgroup 1B such as, but not limited to:
 Garden beet, Edible burdock, Carrot, Celeriac, Turnip-rooted chervil, Chicory, Ginseng, Horseradish, Turnip-rooted parsley, Parsnip, Radish, Oriental radish, Rutabaga, Salsify (black, Spanish, and oyster plant), Skirret, Turnip
 No waiting to harvest.
 Do not spray more than 5 times per season.

PEST			
Aster leafhopper	Cutworms	Flea beetles	Potato leafhopper
Carrot weevil			

Sweet Corn
 No waiting to harvest.
 Do not spray more than 10 times per season.

PEST			
Armyworm (1 st and 2 nd instar)	Corn silk fly	Japanese beetle(adult)	Southwestern corn borer
Bean leaf beetle	European corn borer	June beetle (adult)	Stalk borer
Black cutworm	Fall armyworm (1 st and 2 nd instar)	Leafhoppers	Stink bugs
Cereal leaf beetle	Flea beetle	Masked chafer (adult)	Webworm
Chinch bug	Granulate cutworm	Sand hill cutworm	Western bean cutworm
Click beetle (adult)	Grape colaspis (adult)	Southern armyworm (1 st and 2 nd instar)	Yellowstriped armyworm (1 st and 2 nd instar)
Corn earworm	Grasshoppers	Southern corn leaf beetle	
Corn rootworms (adult)			


TREE and VINE CROPS			
Grapes			
Includes: Table grape, Raisin, Wine and Muscadine grape			
After spraying, wait 3 days before harvesting			
Do not spray more than 4 times per season			
PEST			
Climbing cutworm	Grape flea beetle	Grape mealybug (crawlers)	Orange tortrix
Grape berry moth	Grape leaf folder	Glassywinged sharpshooter	Thrips
Grape bud beetle	Grape leafhopper	Grape leaf skeletonizer	Variegated leafhopper
Grape cane gallmaker (adult)	Grape leafroller	Omnivorous leafroller	Western grape leaf skeletonizer

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.


DIRECTIONS FOR USE

HOUSEHOLD NUISANCE PESTS OUTDOORS			
PEST			
Ants	Crickets	Midges	Sowbugs
Boxelder bugs	Earwigs	Mosquitoes	Spiders
Clover mites	Flies	Pillbugs	Wasps
Cockroaches			
HOW TO APPLY			
Spray around doors, window frames and other places where insects may enter house. Spray around foundations and porches. Spray on ant hills and ant trails.			
(ART)			

LAWN PESTS			
PEST			
Ants	Crickets	Earwigs	Japanese beetles (adults)
Armyworms	Cutworms	Grasshoppers	Sod webworms (lawn moths)
Chinch bugs			
HOW TO APPLY			
For localized infestations, spray to penetrate the lawn and reach the soil. Do not mow for one day after application. For large areas, use Tempo® Concentrate Insecticide.			

	Do not allow entry into treated area until spray has dried.
---	---

Storage and Disposal

Pesticide 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.
Pesticide Disposal:	 <ul style="list-style-type: none"> • Non-refillable container. Do not reuse or refill empty spray bottle. • Rinse the empty product container thoroughly. • Place container in trash.
<p>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.</p>	

NOTICE

Research and testing have determined that the "Directions for Use" are appropriate for the proper use of TEMPO Ready-to-Use Insecticide under expected conditions. To the extent consistent with applicable law, the Buyer assumes responsibility for lack of performance or safety if not used according to the directions.



A Business Unit of Bayer CropScience LP
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709

Tempo RTU Insecticide (PENDING) 01/27/11