



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (27505C)
431 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:
3125-504

Date of Issuance:
DEC 18 1997
December
18, 1997

NOTICE OF PESTICIDE:

 x Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:
Merit + Tempo RTU

Name and Address of Registrant (include ZIP Code): Bayer Corporation, 8400 Hawthorn Road, P.O. Box 4913, Kansas City, MO 64120-0013.

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 3125-504".

3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Elizabeth T. Haebler

Date:

December 18, 1997

Reason to Issue: To introduce new product. Draft Dated
12/01/97: To revise in accordance with EPA comments.

Date of Pre-Reg Draft: 12/01/97 (S)
Supersedes Pre-Reg Draft Dated: 07/17/97

Merit[®] + Tempo[®] RTU

Insecticide

Product Description

MERIT + TEMPO RTU is a highly effective insecticide designed to kill insect pests on

- flowers
- roses
- house plants
- ground covers
- shrubs

Ingredients

ACTIVE INGREDIENT:

Cyfluthrin	0.003 %
Imidacloprid	0.012 %
OTHER INGREDIENTS*	99.985 %
	100.000 %

* Other ingredients are: Purified water, glycerin (to help keep from freezing), organic solvent (less than 0.1%, to dissolve the active ingredient for mixing) and surfactants (to keep the active ingredient dispersed in water).

Net Contents: 24 fl oz

EPA Registration Information

EPA Reg. No. 3125-LNU

EPA Est. No. XXXX-AA-1

IMPORTANT INFORMATION

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

FOR RESIDENTIAL USE ONLY

CAUTION

PRECAUTIONARY STATEMENTS

Possible Hazards to Humans
and Domestic Animals

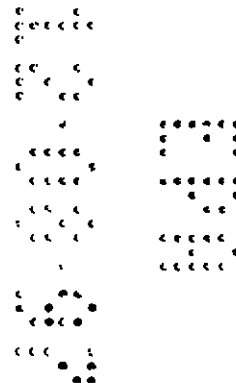
- Harmful if swallowed or inhaled.
- Causes eye irritation.
- Avoid contact with skin, eyes, or clothing.
- Avoid breathing spray mist.
- Wash thoroughly with soap and water after handling.

ACCEPTED
with COMMENTS
in EPA Letter Dated

DEC 18 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

3125-504



First Aid

The table below describes the first aid procedures for incidents involving MERIT + TEMPO RTU

IN THE CASE OF ACCIDENTAL...	IMMEDIATELY...
swallowing	If the person is able to swallow: <ul style="list-style-type: none"> • Have them sip 1 to 2 glassfuls of water • Call a doctor or poison control center for further treatment advice
contact with eyes	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 800-414-0244 for medical emergency information. Active Ingredients: Cyfluthrin [CAS # 68359-37-5], Imidacloprid [CAS # 138261-41-3]	

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

Environmental Hazards

- This pesticide is highly toxic to aquatic invertebrates and fish. Do not apply directly to water.
- This pesticide is highly toxic to bees. Do not apply MERIT + TEMPO RTU when bees are active.
- Apply this product only as specified on this label.

DIRECTIONS FOR USE IMPORTANT: Follow Label Directions

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.

Responsible Use

To use this product responsibly, follow these guidelines when applying MERIT + TEMPO RTU:

- 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.
- Do not use in small, enclosed areas where spray may be inhaled.
- Do not apply to fruits or vegetables used for food.

How to Apply

To apply MERIT + TEMPO RTU Insecticide:

NUISANCE PESTS (In Ornamental Areas and/or Areas Adjacent to Buildings)		
PESTS		APPLICATION GUIDELINES
Ants	Midges	<ul style="list-style-type: none"> • Apply when pests first appear. • Hold about 12 inches from area being treated. • Spray thoroughly onto areas where pests appear, such as: <ul style="list-style-type: none"> – beneath shrubbery – around foundations, and – in tall grass or weeds. • Reapply at 7 to 14 days, if needed.
Boxelder bugs	Mosquitoes	
Clover mites	Pillbugs	
Cockroaches	Sowbugs	
Crickets	Spiders	
Earwigs	Wasps	
Flies		

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ORNAMENTAL PLANT APPLICATIONS (Flowers, Roses, Ground Covers, Shrubs, and House Plants)		
PESTS		APPLICATION GUIDELINES
Adelgids	Leaf-feeding caterpillars	<ul style="list-style-type: none"> • Apply when pests or damage first appear. • Hold about 12 inches from plant and thoroughly spray plant leaves and foliage to the point of runoff. • Works best if treatments are started before high insect populations occur. • Reapply at 7 to 14 days, if needed.
Aphids	Leafhoppers	
Bagworms	Leafminers	
Boxelder bugs	Mealybugs	
Clover mites	Pillbugs	
Elm leaf beetles	Plant bugs	
Grasshoppers	Sawfly larvae	
Gypsy moth larvae	Scale insects (crawler stages)	
Japanese beetles (adult)	Spittle bugs	
Lace bugs	Thrips	
Leaf-feeding beetles	Whiteflies	

IMPORTANT: Directions for Storage and Disposal

Storage Conditions

Store MERIT + TEMPO RTU in an area out of reach of children, preferably a locked storage cabinet. Do not allow product to freeze.

Disposal

- Do not reuse empty spray bottle.
- Rinse the empty product container thoroughly
- 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 all state and local guidelines.

NOTICE

Research and testing has determined that the "Directions for Use" are appropriate for the proper use of MERIT + TEMPO RTU under expected conditions. The Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

