



3125-521

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

NOV 8 1999

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

John Thornton
Bayer Corporation, Agriculture Division
8400 Hawthorne Road
P.O. Box 4913
Kansas City, MO 64120-0013

Subject: Merit + Tempo Concentrate Insecticide II
EPA Reg. No. 3125-521
Application for amended registration dated October 22, 1999 and
resubmission dated November 5, 1999 - Label revision and alternate brand
name.

Dear Mr. Thornton,

This letter supersedes our letter dated October 29, 1999 regarding EPA Reg. No. 3125-521. Your proposed revised label, which was submitted in finished format on October 22, 1999 and resubmitted November 5, 1999, has been reviewed. The label is acceptable at this time provided you make the changes indicated below at the next printing of your label.

1. The statement "FOR OUTDOOR RESIDENTIAL USE ONLY" was included on the front panel of the last stamped accepted label (May 25, 1999) and must be added to the front panel of the revised label.
2. The following statement was included on the front panel of the last stamped accepted label and must be added to the front panel as one of the bullet points under the product name:

"• For Use on Flowers, Roses, Shrubs, Trees."

In addition, you may add "ground covers, evergreens, and foliage plants" to the above statement since these use sites were also listed on the last stamped accepted label.

3. As you know, EPA will soon be issuing a PR Notice concerning improvements to the format and content of "First Aid" statements (formerly "Statement of Practical Treatment") on all pesticide product labels. The "First Aid" statements in the upcoming PR Notice will supersede the statements that are listed in the December 1996 Label Review Manual. In addition, EPA is currently revising the Label Review Manual; the revised manual will

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incorporate the updated "First Aid" statements from the PR Notice. At this time, we recommend that you incorporate the updated "First Aid" statements on your new product label by revising the instructions under "FIRST AID" to read as indicated below:

"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 a poison control center or doctor.

"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 the eye. Call a poison control center or doctor for treatment advice."

IF INHALED: 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."

You may continue to use the same format for the First Aid section that is used on your label submitted November 5, 1999 (i.e. the box format with the headings "IN CASE OF ACCIDENTAL....SWALLOWING, CONTACT WITH EYES, INHALATION" - followed by the above text in bullet format).

Since the label submitted on November 5, 1999 is in finished format and is substantially similar to the last accepted label (stamped May 25, 1999), and since the revisions requested above do not raise risk concerns associated with the use of this product, we will allow you to use this labeling for a period not to exceed January 31, 2000. Products released for shipment after January 31, 2000 must bear labeling revised in accordance with this letter.

Please submit one copy of your revised final printed labeling before you release the product for shipment. If the above specified conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this letter, please contact me by phone at (703) 305-5417 or via E-mail at Perreault.peg@epamail.epa.gov.

Sincerely yours,



Peg Perreault
Chemical Manager, Team 4
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure (1)

3125-521



**ACCEPTED
with COMMENTS**
in EPA Letter Dated:
Nov. 8, 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
3125-521

**Rose & Flower
Insect Killer**

CONCENTRATE

- ▶ Kills on contact
- ▶ Lasts up to 30 days
- ▶ Rainproof protection



KEEP OUT OF REACH OF CHILDREN
CAUTION See back panel booklet for ingredients
 and precautionary statements
 HARMFUL IF SWALLOWED
 CAUSES EYE IRRITATION
 902900 R.D.

NET CONTENTS 16 FL OZ (473mL)



**Rose & Flower
Insect Killer**
CONCENTRATE

Bayer Advanced Garden's Rose & Flower Insect Killer provides up to 30 days protection with a single application. Now keeping your roses and flowers insect-free is easier than ever.

FIRST AID SEE IF

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.

For medical emergency information, you may call toll-free 1-877-324-3763. Active Ingredients: Cyfluthrin (CAS # 82355-37-5), Imidacloprid (CAS # 138261-41-3)

ENVIRONMENTAL HAZARDS

- This pesticide is highly toxic to aquatic invertebrates and fish. Do not apply directly to water.
- Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.
- This pesticide is highly toxic to bees. Do not apply Rose & Flower Insect Killer when bees are present.
- Apply this product only as specified on this label.

Made in USA
Distributed by:
Bayer Corporation
Garden & Professional Care
Box 4913
Kansas City, MO 64120-0013
EPA Reg. No. 3175-521
of the batch number on this package.
EPA # 3175-521-601
EPA # 10270-11-1 (39) = 58996-MD-1
Bayer and are registered trademarks of Bayer AG



PRESS TO RESEAL


99900 R.0

3.465" W x 4.550" H
 • 16 fl. oz.
 Mold number: 3B-21469
 AJ642/template/base
 4-29-99 es/mr

SPRAYER TYPES (cont'd)

DUAL-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.



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.




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 *Rose & Flower Insect Killer* 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.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

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

READ THE LABEL FIRST!

OPEN
 Readable Label for Directions & Precautions

QUICK FACTS

*** Kills On Contact**
*** Keeps on Killing for Up to 30 Days**
*** Easy, Accurate Measuring & Mixing**

KILLS	Aphids, Japanese Beetles, Leafminers, Whiteflies and other listed pests
COVERAGE	Makes up to 32 gallons of spray
WHERE TO USE	Flowers, Roses, Trees & Shrubs
WHEN TO USE	When insects or damage first appear
HOW MUCH TO USE	Pour 1/2 oz. (1 lbs.) into Easy Measure-up Cup and dilute in 1 gallon of water

For questions or comments, call toll-free 1-877-BayerAG
www.AdvancedGarden.com

ACTIVE INGREDIENT:
 Cyfluthrin..... 0.72%
 Imidacloprid..... 0.72%
OTHER INGREDIENTS*..... 98.56%
 100.00%

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

919900 R.0

KILLS

Adeleids, Aphids, Bagworms, Borerlarvae Bugs, Clover Mites, Elm Leaf Beetles, Grasshoppers, Gypsy Moth Larvae, Japanese Beetles (adult), Lacebugs, Leaf-feeding Beetles, Leaf-feeding Caterpillars, Leafhoppers, Leafminers, Mealybugs, Mosquitoes, Pillbugs, Plant Bugs, Sawfly Larvae, Scale Insects (crawler stages), Spittlebugs, Thrips, Whiteflies

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.
 - Do not apply to fruits or vegetables used for food.

DIRECTIONS FOR USE (cont'd)


HOW TO USE Shake well before using.

WHEN TO USE Spray when insects or damage first appear.

MIXING AND MEASURING SEE SPRAYER TYPES


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

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




DIRECTIONS FOR USE (cont'd)

HOW OFTEN
 Kills insects on contact and keeps on killing for up to 30 days. For severe infestations, repeat every 7 to 14 days as necessary.

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.

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



ORNAMENTAL PLANT Application Guidelines

Trees, Shrubs, Ground Covers, Evergreens, Flowers and Foliage Plants

- How Much to Use: 1/2 fl. oz. (1 Tablespoon) per gallon of water
- Apply when pests or damage first appear.
- Spray area thoroughly.
- Reapply at 7 to 14 days, if needed.

SPRAYER TYPES: Mixing & Measuring

PUMP STYLE TANK SPRAYERS
 To make one gallon of spray:

1. Pour liquid into Easy Measure-up Cup until concentrate reaches 1/2 oz. fill line.
2. Dilute in 1 gallon of water.
3. Close sprayer and shake well before applying.

