

PM 13

239-2642

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

320530923  
183

MAR 20 1997

Mr. Frank Kamienski  
The Solaris Group of Monsanto Co.  
P.O. Box 5006  
San Ramon, CA 94583-0906

Dear Mr. Kamienski:

Subject: Amendment - Addition of Crop Sites  
BUG-B-GON Insect Killer 1  
EPA Registration Number 239-2642  
Your Application Dated June 12, 1996

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(B), is acceptable provided that you:

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

2. With regards to the statements beginning "The only bug killer....", we maintain our previous decision that these statements are false and/or misleading with respect to product effectiveness and/or comparisons with other pesticides. The company whose product label you have enclosed has been notified to delete these statements we inadvertently approved at their next label printing. Therefore you must delete this statements also.

3. Submit two copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

CONCURRENCES

SYMBOL	CA						
SURNAME							
DATE							

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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.

Sincerely yours,

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

Enclosure

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**ORTHO®  
BUG-B-GON™ INSECT KILLER,**

*[icon]* **OUTDOOR RESIDENTIAL USE ONLY**

Kills bugs on roses, shrubs, trees, flowers, and home lawns.

New

Water based

Low odor

Outdoor Residential use only

Remains effective for up to 4 weeks

Lasts for up to 4 weeks

Concentrate

Fast acting formula

Controls/kills aphids, caterpillars, beetles, thrips, whiteflies

Controls/kills foliar insects, lawn insects, nuisance pests

Can be used on roses, shrubs, flowers, houseplants, trees, lawns, and certain vegetables

Apply with tank sprayer or hose-end applicator

Provides fast kill of garden pests

Kills ticks that cause Lyme Disease

Guaranteed to Work\*

\*Or your money back

1 qt. makes over 20 gals of spray

Fast acting - Kills in minutes/seconds

Won't hurt plants

New/Now Easy Measuring Cap

Easy Pour Spout

The only bug killer you need to protect your roses, shrubs, trees and flowers

The only bug killer you need for roses, shrubs, trees and flowers

The one bug killer for roses, shrubs, trees and flowers

Economical - costs pennies per gallon of diluted spray

Proven Effective

Mix with Fungicides for disease control on roses

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAR 20 1997

239-2642.WIP  
RS858-A

EPA Accepted 9/8/95  
Amendment of 6/12/96

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

239-2642

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Active Ingredient

Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl  
3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate 0.24%

Inert Ingredients ..... 99.76%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel booklet for additional precautionary statements.

NET CONTENTS \_\_\_\_\_ / \_\_\_\_\_ (metric equivalent)

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[ARROW]  
INSTRUCTIONS  
LIFT HERE

*[THE FOLLOWING COPY IS FOR FIX-A-FORM BOOKLET TYPE LABELS WHICH CONSUMERS CAN OPEN, READ, AND RESEAL EASILY AT RETAIL AS WELL AS AT TIME OF USE]*

Bug-B-Gon Insect Killer, is a fast acting insecticide that controls a wide range of common garden pests including aphids, caterpillars, beetles, scale crawlers, thrips, whiteflies, ants, spiders, crickets, and lawn insects. For use on roses, flowers, shrubs, trees, lawns, houseplants, ~~and selected vegetables~~. Kills nuisance pests such as crickets, spiders, ants, cockroaches, and flies. Controls lawn insects such as armyworms, chinch bugs, mole crickets, and sod webworms. May be applied with a tank sprayer or Ortho hose-end applicator. Convenient package has a pour spout and measuring cap for fast, easy, accurate measuring.

**NEW FROM ORTHO**  
Bug-B-Gon Insect Killer,

Peel open for use directions and further information

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Causes eye irritation.  
**PRECAUTIONARY STATEMENTS AND DIRECTIONS INSIDE BOOKLET.**

**PULL HERE TO OPEN LABEL. PRESS TO RESEAL.**

Medical Information call 1-800-454-2333  
Product Information call 1-800-225-2883

Manufactured for  
**The Solaris Group of**  
**Monsanto Company**  
P.O. Box 5008 San Ramon CA 94583-0808  
Form RS858-A Product  
EPA Reg. No. 239-2642  
EPA Est. 239-1A-3<sup>1</sup>, 58996-MO-1<sup>A</sup>  
Superscript is first letter of lot number  
Made in USA

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DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

**Specially formulated for residential use.**

**WHEN TO APPLY:**

Treat when insects or their damage first appear. Repeat as needed.

**WHERE & HOW TO APPLY:**

**FOR OUTDOOR USE ONLY:** Refer to the table for specific insects and tips on their control. Use a hose-end or tank sprayer to treat roses, houseplants, flowers, shrubs, ~~vegetables~~ trees, and lawns.

Measuring Cap: To open, squeeze cap sides while unscrewing. The measuring cap has 4 fill levels marked inside the cap. Refer to table below for measuring instructions. Close cap tightly after use - no need to rinse.

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- Level 1 - 1 teaspoon (tsp)
- Level 2 - 1/2 oz - 1 Tablespoon (Tbs) - 3 tsp
- Level 3 - 1 fl oz (2 Tbs)
- Level 4 - 2 fl oz (4 Tbs)

Pests	Product To Measure	Treatment Tips
<p><b>Roses, Flowers, Shrubs, Trees, Houseplants (treat outdoors)</b></p> <p>Aphids, Bagworms, Bristly Rose slugs, California Oakworm, Casebearers, Elm Leaf Beetles, Fungus Gnats, Grasshoppers, Gypsy Moth Larvae, Japanese Beetles(adults), Lace Bugs, Leaf Feeding Caterpillars, Leaf Feeding Beetles, Leafhoppers, Mealybugs, Midges, Orchid Weevil, Pear Psylla, Peppertree Psyllid, Pine Shoot Moths, Plant Bugs, Sawfly Larvae, Scale Insects (crawler stages), Spittlebugs, Thrips, Whiteflies</p> <p><b>Nuisance Pests</b></p> <p>Ants, Boxelder Bugs, Clover Mites, Cockroaches, Crickets, Flies, Midges, Mosquitoes, Pillbugs, Sowbugs, Spiders, Ticks, Wasps</p>	<p><u>Tank Sprayer:</u> Fill cap to level 2 three times (1½ fl oz) Pour into 1 gal of water.</p> <p><u>DIAL 'n SPRAY® Hose-End Sprayer</u> No need to measure. Simply pour product into sprayer jar. Do not add water. Set dial to 1½ oz. Any unused product can be poured back into the original product container.</p> <p><u>ORTHO SPRAY-ETTE® hose-end sprayers:</u> To apply 4 gallons of finished spray, fill cap to level 4 three times (6 fl oz). Pour into sprayer jar. Fill jar to the 4 gal mark with water.</p>	<p>Spray until plant is wet and just begins to drip. Spray stems, branches, and undersides of leaves for best results.</p> <p>For treatment of houseplants, take outdoors and treat. Return indoors after plants are dry.</p> <p>To control ants, crickets, midges, roaches, spiders, wasps, flies, and mosquitoes, spray areas under plants, around foundations, hiding or resting places in ground covers, mulching materials and in tall grass or weeds. Spray around the house foundation to prevent insect pests from reentry.</p>

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Pests	Product To Measure	Treatment Tips
<p><b>Lawns</b></p> <p>Ants, Armyworms, Bluegrass Billbug (adult), Chinch Bugs, Chiggers, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Hyperodes Weevil (adult), Japanese Beetles (adult), Mole Crickets, Sod Webworms, Ticks (including Deer Ticks)</p> <p>Aids in control of Fire Ants</p>	<p><u>Tank Sprayer:</u> Fill cap to level 2 (1 Tbs). Pour into 1 gal of water and spray over 25 sq. ft.</p> <p><u>DIAL'n SPRAY® Hose-End Sprayer:</u> Fill cap to level 4 (2 oz) for every 100 sq ft of lawn area. Pour into sprayer jar. Do not add water. <b>Set dial to 4 tsp.</b> Spray evenly over desired area.</p> <p><u>ORTHO Lawn Pest &amp; Fertilizer:</u> Fill cap to level 4 five times (10 fl oz) Pour into sprayer jar. Fill jar with water to the 15 gal. mark and spray over 500 sq.ft.</p>	<p>Mow lawn and water thoroughly 1 to 2 days before treatment. Do not water for at least 24 hours after treatment. Apply with a coarse spray and evenly cover lawn area. Keep children and pets off treated areas until lawn is dry.</p>

**NOTE:** Do not allow drift onto fish pools, ornamental ponds, streams, or lakes. Remove any animal (pet) feeding dishes prior to treatment.

**Combination Spray With Fungicides On Roses:**

Bug-B-Gon Insect Killer, may be used mixed with RosePride™ Funginex® Rose Disease Control or Multi-Purpose Fungicide Daconil 2787® Plant Disease Control to control insects and diseases on roses in 1 easy step. Use the labeled rates for each product. Observe all precautions and restrictions on the labeling of products used in combination.

**VEGETABLE GARDENS**

Bug-B-Gon is labeled for use only on Carrots, Radishes, Peppers, Sweet Corn, Sunflowers and Tomatoes in home vegetable gardens.

**DILUTION RATE:** Fill cap to level 2 three times (1 1/2 oz) per gallon of water to make one gallon of finished spray. To make 2 gallons of finished spray, fill cap to level 3 three times (3 oz). Add to 2 gallons of water.

To apply with an Ortho Dial 'n Spray, simply pour product into sprayer jar. (You do not need to measure.) Do not add water. Set dial to 1 1/2 oz and spray. Any leftover concentrate may be poured back into the original container. Spray upper and lower leaf surfaces. If necessary, reapply in 7 days.



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VEGETABLES	DAYS TO WAIT BEFORE HARVEST	MAXIMUM TREATMENTS PER SEASON
Carrots	0	6
Peppers	7	6
Radishes	0	6
Sweet Corn	0	10
Sunflowers	30	3
Tomatoes	0	6

**Carrots:** Controls Aster Leafhopper, Black Cutworm, Carrot Weevil.

**Peppers:** Controls Beet Armyworm, Cabbage Looper, Celery Leafminer, Corn Earworm, European Corn Borer, Garden Webworm, Leafminers\* (suppresses these pests), Pepper Weevil, Potato Leafhopper, Western Yellow-Striped Armyworm, Thrips.

**Radishes:** Controls Cutworms, Flea Beetles.

**Tomatoes:** Controls Armyworms, Cabbage Looper, Colorado Potato Beetle\*, European Corn Borer, Leafminers, Potato Aphid, Stinkbugs, Tomato Fruitworm, Tomato Hornworm, Tomato Pinworm, Variegated Cutworm, and Western Flower Thrips.

In some areas, this insect may have developed resistance to this family of insecticides. BUG-B-GON Insect Killer, used alone may not provide satisfactory control in these areas. Consult your local agricultural advisor or Cooperative Extension Service for recommendations.

**STORAGE AND DISPOSAL:**

**Storage:** Keep pesticide in original container. Do not put into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. **Disposal:** Do not reuse empty container. Wrap and put in trash.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. **FIRST AID: If swallowed:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. **If in eyes:** Flush eyes with plenty of water. Get medical attention. **If on skin:** Remove contaminated clothing and wash affected area with soap and warm water. Wash clothing before reuse. **If inhaled:** Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention immediately.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This pesticide is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply or allow to drift onto crops or weeds on which bees are actively foraging. Time application to flowering plants during periods when pollinating insects are not present, such as early morning or late evening.

**NOTICE:** Buyer assumes all responsibilities for safety and use not in accordance with directions.

[icon] **Medical Information call 1-800-454-2333**  
**Product Information call 1-800-225-2883**

**SOLARIS®**

ORTHO®, DIAL 'n SPRAY®, SPRAY-ETTE®, SOLARIS®, RosePride™ Trademarks of Monsanto Company  
Funginex® Trademark of American Cyanamid Company  
Daconil 2787® registered trademark of ISK Biotech Corp.  
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Manufactured for  
The Solaris Group of  
Monsanto Company  
P.O. Box 5008 San Ramon CA 94583-0808  
Form RS858-A Product  
EPA Reg. No. 239-2642  
EPA Est. 239-IA-3<sup>1</sup>, 58996-MO-1<sup>A</sup>  
Superscript is first letter of lot number  
Made in USA