



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:
71995-46

Date of Issuance:
JUN - 9 2005

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:
RD 1647 Insecticide

Name and Address of Registrant (include ZIP Code):

Monsanto Company
1300 I Street, NW, Suite 450 East
Washington, DC 20005

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 when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 71995-46"
 - b. Since the FOR BEST RESULTS section talks about mowing and lawn pests, it should be relocated to appear under the TO CONTROL LAWN PESTS section rather than under the TO CONTROL (VEGETABLE) GARDEN PESTS section.

Signature of Approving Official:

Date:

JUN - 9 2005

- c. Delete the pest Termites from the listing of pests killed (page 2). The use of granular lawn and garden pesticides is not effective against termites. No directions will have to be deleted, since there were no directions for use on this pest.
- d. Delete the pests Fire Ants, Red Harvester Ants, and all claims pertaining to queen or colony control, i.e.:
 - Page 2 - "Kills Fire-Ants fast", "to kill the queen and the entire colony", "When Fire-Ants mounds"
 - Page 4 - entire section under "To control Fire Ants, Red Harvester Ants, and pavement ants"
 - Page 9 - second, third, and fifth bullet
 - Page 12 - first and second bullet
- e. Delete all claims that the product kills "on contact" or starts working "immediately". There is no data to support these claims, and the product requires watering in to activate granulars. See pages 2, 9, and 10.
- f. On page 4, under the heading FOR BEST RESULTS, replace "TEMPO" with the name of your product.
- g. On pages 9 and 10 delete the terms "Even effective (works) in the rain" and "Rainproof (Rainfast)". This is a granular product that requires watering in after application.
- h. On page 10, qualify the term "Long lasting - keeps on killing for weeks" with 4 weeks.
- i. On page 10, delete "Powered by Roundup", since this insecticide product does not contain that herbicide.
- j. On page 10, either delete or explain what "Fast Act Technology" means.
- k. Under the Hazards to Humans and Domestic Animals is an entry "People and pests may enter treated areas after spray has dried.", however, this is a granular product. The correct advice would be to allow re-entry after the product has been watered in and treated area has dried.
- l. Please note that the claim "New (improved)(formula)" can only be used on labeling produced within six months from the date of the Notice of Registration.

3. Submit four (4) copies of your final printed labeling before you release the product for shipment.

If these 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 constitutes acceptance of these conditions.

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

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[Editorial Notes: Bracketed text [] is for internal use and serves as a 'place holder' for graphics. Parenthetical text () denotes optional wording.]

[Refer to APPENDIX 1 for consolidated list of label claims.]

[Refer to APPENDIX 2 for packaging related claims.]

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
JUN - 9 2005**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
71995-46**

[FRONT]

RD 1647 INSECTICIDE

Active Ingredient

Cyfluthrin	0.1%
Other Ingredients	99.9%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FOR OUTDOOR RESIDENTIAL USE ONLY

DO NOT APPLY LIQUID SPRAYS CONTAINING CYFLUTHRIN IN ADDITION TO THIS PRODUCT.

See back panel (booklet) for additional precautionary statements. (Read precautions and directions on the back label)

NET [] lbs

[BACK]


Open Resealable Label for directions & Precautions
 Press to Reseal

Product Facts

[Insert Brand Name] Kills Fire-Ants fast. This convenient, low odor formula begins working immediately to kill the Queen and the entire colony. Just sprinkle on and walk away.

DOUBLE PROTECTION – Kills over 28 different outdoor insects on contact PLUS protects for up to 4 weeks. For use outdoors on lawns, gardens, and around homes.

[Insert additional product claims from Appendix 1]

KILLS	<p>[Optional Illustration(s)]</p> <p>Annual Bluegrass weevil adults (hyperodes)</p> <p>Ants</p> <p>Armyworms</p> <p>Billbugs (adults)</p> <p>Black turfgrass Ataenius (adults)</p> <p>Centipedes</p> <p>Chiggers</p> <p>Chinch bugs</p> <p>Cockroaches</p> <p>Crickets</p> <p>Cutworms</p> <p>Digger wasps (Cicada killer)</p> <p>Earwigs</p> <p>Fleas</p> <p>Fire ants</p>	<p>Grasshoppers</p> <p>Hyperodes weevil (adults)</p> <p>Leafhoppers</p> <p>Mealybugs</p> <p>Millipedes</p> <p>Mole crickets</p> <p>Mosquitoes</p> <p>Pavement ants</p> <p>Pillbugs</p> <p>Red harvester ants</p> <p>Scorpions</p> <p>Sod Webworms (lawns moths)</p> <p>Sowbugs</p> <p>Spiders</p> <p>Termites</p> <p>Ticks</p>
COVERAGE	Covers _____ sq ft [1 lb of product covers 500 sq ft]	
WHERE TO USE	Lawns, Gardens, and around House foundations (Lawns, Flower Beds, Ground Covers and around Trees & Shrubs)	
WHEN TO USE	When insects or damage first appear. (When Fire-Ants mounds or other listed pests are present)	
HOW MUCH TO USE	See directions (1/4 cup per mound)	
	Questions, Comments or Medical Information Call [insert contact #] (Or visit [insert website address])	

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 the entire label before using this product.)																					
BEFORE YOU USE	Read and follow these directions when using: <ul style="list-style-type: none"> • Do not apply near fish pools, ponds, streams, or lakes. • Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with this insecticide. • Keep children and pets away from treated area until it has been watered and allowed to dry. 																				
TO CONTROL HOUSEHOLD PESTS BEFORE THEY COME INDOORS																					
HOW TO USE (Break seal and open top)	<table border="0"> <tr> <td>PESTS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ants</td> <td>Digger wasps</td> <td>Scorpions</td> <td></td> </tr> <tr> <td>Centipedes</td> <td>Millipedes</td> <td>Sowbugs</td> <td></td> </tr> <tr> <td>Cockroaches</td> <td>Pillbugs</td> <td>Spiders</td> <td></td> </tr> <tr> <td>Crickets</td> <td></td> <td></td> <td></td> </tr> </table>	PESTS				Ants	Digger wasps	Scorpions		Centipedes	Millipedes	Sowbugs		Cockroaches	Pillbugs	Spiders		Crickets			
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	HOW MUCH TO APPLY <ul style="list-style-type: none"> • 1/3 to 1/2 cup per 45 to 50 ft (2 to 3 ft band) • <i>[Alternate text]</i> 2 to 3 lbs per 1000 sq ft • Covers ___ sq ft <i>[1 lb of product covers 500 sq ft]</i> (a band 2 feet wide and ___ feet long.) • 1 lb of <i>[Insert brand name]</i> treats perimeter of 16 ft by 30 ft structure 																				
	HOW TO APPLY <u>Around the House</u> To keep these pests away from your home, apply granules in a band 2 to 3 feet wide around and up to the building. Tip: A hand-held spreader makes this easy.																				
FOR TREATMENT OF ANT MOUNDS OR WASP BURROWS																					
	<table border="0"> <tr> <td>PESTS</td> <td></td> </tr> <tr> <td>Ants</td> <td>Digger wasps (Cicada killer)</td> </tr> </table>	PESTS		Ants	Digger wasps (Cicada killer)																
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	HOW MUCH TO APPLY 1 to 2 tsp. per mound or wasp burrow																				
	HOW TO APPLY Sprinkle 1 to 2 teaspoons of granules over the ant mound or wasp burrow. Treat wasps at night, after they are back in their nest.																				

TO CONTROL LAWN PESTS			
PESTS	Ants Armyworms Billbugs (adults) Black Turfgrass Ataenius (adults) Chiggers	Chinchbugs Cutworms Fleas Grasshoppers Hyperodes Weevil (adults)	Leafhoppers Mealybugs Mole Crickets Sod Webworms (lawn moths) Ticks
	<p>HOW MUCH TO APPLY</p> <ul style="list-style-type: none"> • Apply 2 to 3 lbs per 1000 sq ft • <i>[Optional text]</i> This bag covers up to ___ sq ft <i>[1 lb covers 500 sq ft]</i> • Adjust your spreader to the proper setting. See the table below. • This can covers ___ sq ft <i>[1 lb covers 500 sq ft]</i> which is the same as a band 10 feet wide and ___ feet long. 		
	<p>HOW TO APPLY</p> <p>Use rotary or drop type spreaders to apply granules evenly over the lawn. To be sure you cover the entire area uniformly, first treat the border of the lawn then fill in the center. Make parallel passes, walking at a steady pace to ensure even distribution of the granules.</p> <p><i>[Insert optional illustrations of above steps]</i></p> <p>Water thoroughly within a day after applying.</p> <p>TIP: For best control of mole crickets, apply during the period when their eggs are hatching. Contact your County Extension Agent for the ideal dates to apply in your area.</p>		

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SPREADER SETTINGS

If your spreader is not listed, please call our Consumer Service Hotline toll-free [Insert number] for help.

Rate: 2 to 3 lbs per 1,000 sq ft

SPREADER SETTINGS			
DROP SPREADER	SETTING*	SETTING*	Distance Between Passes (Feet) <i>[Optional text]</i>
MODEL	2 lbs Rate	3 lbs Rate	
Kgro Drop Ortho Drop Precision Drop Republic EZ Drop Scotts Accugreen Scotts Drop Scotts Evergreen Sta-Green Drop Vigoro Drop	To be determined.	To be determined.	To be determined.
ROTARY SPREADER	SETTING*	SETTING*	Distance Between Passes (Feet) <i>[Optional text]</i>
MODEL	2 lbs Rate	3 lbs Rate	
Bandini EV-N-Spread Ortho Rotary Precision Rotary Quaker Rotary Republic EZ Grow Republic EZ Rotary Scotts Easygreen Scotts Speedy Green Sta-Green Rotary True Temper Rotary Vigoro Rotary ADD: NEW TWO-IN-ONE SPREADERS	To be determined.	To be determined.	To be determined.
• Settings are approximate. The condition of your spreader, the speed at which you walk and uneven terrain may affect the rate of application. Calibrate your spreader according manufacturer's directions.			

- Tip: 1000 sq ft = 20 ft x 50 ft
- Do not use a spreader that applies granules in narrow, concentrated or uneven bands. Be sure the spreader works properly and spreads granules evenly.

[Re-entry icon]	People and pets may re-enter after the treated area has been watered and allowed to dry.
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STORAGE AND DISPOSAL [Optional trash can illustration]

PESTICIDE STORAGE: Store in original container in a dry place inaccessible to children and domestic animals (preferably a locked storage cabinet). Keep product away from direct sunlight.

DISPOSAL: Do not reuse this container. **If Empty:** Place in trash or offer for recycling if available. **If Partly Filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

[Re-entry icon]	People and pets may enter treated areas after spray has dried.
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FIRST AID

If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center (insert contact #) or doctor for additional treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center (insert contact #) 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 control center or doctor. • Do not give anything by mouth to an unconscious person.

EMERGENCY MEDICAL INFORMATION

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- You may contact [Insert contact telephone #] for emergency medical treatment information.
- This product is identified as **[Insert brand name], EPA Reg. No. 71995-new**

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ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwater. Apply this product only as specified on this label.

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

This product is protected by U.S. Patent No. [Insert relevant patent numbers]. (Other patents pending.) No license granted under any non-U.S. patent(s).

© ____ MONSANTO COMPANY

Manufactured for
Monsanto Company
Lawn & Garden Products
800 N. Lindbergh Blvd.
St. Louis, MO 63167
EPA Reg. No. 71995-new
Form No.
EPA Est.
Superscript is first letter of lot number
Made in USA

APPENDIX 1 – Consolidated List of Label Claims

• (Contains) (Now with) FastAct™ (Technology)
• [Insert brand name] is a highly effective insecticide designed to kill Fire Ants around homes and in lawns.
• 4 lbs treats 30 mounds
• Also kills fleas, ticks & 58 other nuisance pests
• Also kills Red Harvester Ants, Pavement Ants
• Also stops (kills) spiders, roaches, ants, fleas, and ticks
• Also stops (kills) spiders, ticks, fleas, cockroaches, and other pests
• Controlling annoying outdoor insects around your home has never been easier
• Creates a barrier around your home
• Do-it-yourself pest control
• Double Protection Formula
• Easy-To-Use granules
• Economical
• Effective as a spot treatment for ant mounds
• Effective home barrier treatment
• Effective Home/Yard Barrier Treatment
• Even effective (works) in the rain
• Fast acting (quick killing granules) (formula)
• Fast Acting...Kills (works) on Contact
• For Use On: Lawns, Gardens, and Around Homes
• For use with lawn or hand-held spreaders
• Guaranteed (we guarantee it)
• Guaranteed results (with one application)
• Helps protect your (house) (home) from invading pest (insects) (ants)
• Highly effective
• Keeps killing for up to 4 weeks (30 days) (1month)
• Kills 28 kinds (types) of insects (pests)
• Kills 28 outdoor pests in lawns and around homes
• Kills ants (on contact)
• Kills ants fast
• Kills ants outdoors in lawns, gardens and around homes
• Kills fleas (and ticks)
• Kills household nuisance pests outdoors
• Kills Insects (ants) (on contact)
• Kills lawn pests
• Kills nuisance pests outdoors (on contact)
• Kills on contact (plus protects for weeks)
• Kills outdoor pests on contact
• Kills pests (ants) outdoors in lawns, gardens, and around homes
• Kills Pests Outdoors Before They Come Indoors
• Kills scorpions

• Kills the entire (ant) colony
• Kills the queen and colony (the mound)
• Kills: fleas, ants, crickets, ticks, chinch bugs, armyworms, billbugs, cutworms, earwigs, sod webworms, and other listed insects (pests)
• Long lasting – keeps on killing for weeks
• Long lasting 30 day (4 week) (1 month) protection
• Low odor (formula)
• New (improved) (formula)
• Now
• Outdoor use only [optional graphic]
• Powered by Roundup
• Protects up to 4 weeks (30 days)(1 month)
• Protects your lawn by killing pests (insects)(bugs)
• Quick and easy to use
• Quick kill formula
• Quickly kills outdoor pests (on contact)
• Quickly Stops Harmful Insects before they destroy vegetables (they do damage)
• Rainproof (rainfast)
• READY TO USE (SPREAD) (GRANULES)
• Results guaranteed
• Results that show
• Satisfaction guaranteed or your money back (with proof of purchase)
• Sprinkle on mound and walk away
• Starts working immediately
• Stops ants outdoors- before they come inside
• Treats up to _____ sq ft [1 lb treats 500 sq ft]
• Up to 4 week (30 days)(1 month) control
• Use in (on) vegetable gardens
• With Fast Act Technology, Kills on contact

[Promotional options]

- Save up to \$[x] on (your) next purchase
 - Free weed guide inside
 - Free [] with this purchase
 - FREE REFILL
 - FREE SAMPLE
- SAMPLE NOT FOR SALE

APPENDIX 2 – Packaging Related Claims

NET 4 lbs (1.8 kg)
8 lbs (3.6 kg)
10 lbs (4.5 kg)

Convenient, ready-to-use shaker bottle

<i>[4 lb bag]</i>	Treats (covers) up to 2000 sq ft
<i>[8 lb bag]</i>	Treats (covers) up to 4000 sq ft
<i>[10 lb bag]</i>	Treats (covers) up to 5000 sq ft