

239-2638

08/15/1997

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 05-31-98



United States Environmental Protection Agency Washington, DC 20460

 Registration  
 Amendment  
 Other

 OPP Identifier Number  
 254135

Application for Pesticide - Section I

1. Company/Product Number 239-2638	2. EPA Product Manager James A. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup L & G Ready To Use Fast Acting Formula Grass & Weed Killer	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) The Solaris Group of Monsanto P.O. Box 5006 San Ramon, Ca 94593-0906 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION  
AUG 15 1997

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification: Add additional front label claim. Add optional Directions for Use text reformatted to fit smaller label sizes and increase consumer understanding. "This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product".

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Metal Plastic Glass Paper Other (Specify) _____		
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Stephen R. Cornes	Title Registration Specialist	Telephone no. (include Area Code) 510 355-3336
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		Date Application Received (Stamped)
2. Signature 	3. Title Registration Specialist	
4. Typed Name Stephen Cornes	5. Date 08/07/97	

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FRONT PANEL

**Roundup® L & G READY-TO-USE Fast Acting Formula Grass & Weed Killer**

[ABN Roundup Ready-To-Use Weed & Grass Killer]

[ABN Roundup Fence & Yard Edger]

[graphics of weeds dying in 1-7 days]

[water droplet] water based

Kills unwanted weeds and grasses, roots and all

Guaranteed results with one application.

Ready-to-use, no mixing. Covers xx sq ft(varies with container size)

Does not have soil activity

Spray weeds in and around fences, trees, driveways, flower beds, walkways, shrubs, and for lawn renovation. (This "lawn renovation" phrase not for 24 oz container size.)

This 24 oz bottle can be REFILLED with one tablet of Roundup Quik Stik Grass & Weed Killer. See Storage and Disposal section for more information. (This for 24 oz container size only.)

New package See sprayer for Directions

1 Remove this sprayer and pull cord ALL THE WAY OUT.

2 Insert green plug into spout (on cap) until it clicks. THEN flip spout up.

3 Open nozzle at end of sprayer.

This 24, 64, 128 or 170 fl oz bottle can be refilled using Roundup Concentrate Weed & Grass Killer or Roundup Super Concentrate Weed & Grass Killer. [See bottle label for specific instructions.]

**NOTIFICATION**  
**AUG 15 1997**

Now Bigger Size

**NEW Fast & Easy Pressure Sprayer**

**POWERFUL CONTINUOUS SPRAY IN 3 SIMPLE STEPS**

(1) picture Insert white plug into handle until it clicks.

(2) picture Slide lock to open. Pull up once on handle.

(3) picture Push button on wand to start spraying.

New! Larger Size, Kills the root so weeds don't come back

See results in 24 hours, **[8/6/96 Notification] Kills the root**

Ornamentals and Flower Beds, Easy-to-use Applicator

Spot treatment for lawn replanting, Kills weeds and grasses, roots and all

All Purpose Weed & Grass Killer, New quick click sprayer

New quick connect sprayer, Quick & easy to use

No leaks or mess, Easy to store (see back for instructions)

Starts working overnight, Starts to kill overnight, Works overnight, Starts working in hours, See results in hours, Starts to kill in the same day, Begins working in hours, Starts to kill in hours, Works in hours

Kills weeds dead ... breaks down into natural materials. Rainproof in two hours for control that won't wash away. New/Now rainproof. New improved. Used by zoos to effectively control weeds. Now approved for use in vegetable gardens. Ideal for vegetable garden weed control.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

Read precautions and directions on back label.

**Active Ingredient**

Glyphosate ..... 0.96%

Inert Ingredients ..... 99.04%

**NET 6 fl oz,**

24 fl oz (1pt 8 fl oz) (709 mL)	750mL (1 pt 9.3 fl oz) (25.3 fl oz)
64 fl oz (1/2 gal) (1.89 L)	2L (1/2 gal 3.6 fl oz)(67.7 fl oz)
128 fl oz (1 gal) (3.785 L)	4L (1 gal 7.2 fl oz) (135.4 fl oz)
256 fl oz (2 gal) (7.75 L)	
170 FL OZ (5 L) 1 GAL 1 QT 10 FL OZ	

[Back Label]

**Roundup® L & G READY-TO-USE Fast Acting Formula Grass & Weed Killer**

[Illustrations with new Larger Containers package directions located on top]

**QUICK CONNECT SPRAYER**

- (1) picture Remove sprayer. Pull cord ALL THE WAY OUT.
- (2) picture Insert green plug into spout (on cap) until it clicks.
- (3) picture Flip up spout. Open nozzle at end of sprayer.

Roundup Ready-To-Use is pre-mixed and pre-measured. It will kill almost all annual and perennial weeds, grasses and other unwanted plants. Ideal for tough to reach weeds found in flower beds and vegetable gardens. Use on driveways and walkways, or around fences, trees, flower beds, shrubs and other areas in your yard. Roundup kills weeds by stopping the production of a substance found only in plants. Any Roundup not absorbed by the plant breaks down into natural materials. Roundup will not move in or on the soil to untreated plants.

**[8/6/97 Notification – Alternate reformatted text]**

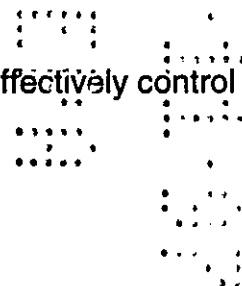
**HOW IT WORKS**

Roundup kills weeds by stopping the production of a substance found only in plants. It enters plants through foliage and moves systemically down to the roots. Any product not absorbed by plants breaks down into natural materials. Roundup will not move in or on the soil to untreated plants.

**CONTROLS ALL WEEDS AND GRASSES INCLUDING:**

Barnyardgrass, Bermudagrass, Thistle, Chickweed, Common Ragweed, Dandelion, Fescues, Johnsongrass, Clover and Yellow Nutgrass and many other annual and perennial grasses, weeds, sedges and brush.

Used by American Zoo and Aquarium Association member zoos to effectively control weeds.



**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

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

**[8/6/97 Notification – Product information reformatted into table format]**

<b>Product Facts</b>	
<b>Container treats over 200 weeds. (Text for 24 oz container size)</b>	
<b>Container treats over 500 weeds. (Text for ½ gallon container size)</b>	
<b>Container treats over 1000 weeds. (Text for 1 gallon container size)</b>	
<b>Kills</b>	<b>[illustrations]</b>
<b>Weeds</b>	
ALL TYPES OF WEEDS & GRASSES	
<b>Where to Use</b>	<ul style="list-style-type: none"> <li>• On walkways &amp; driveways</li> <li>• In flower beds &amp; vegetable gardens</li> <li>• Around shrubs &amp; trees</li> <li>• Along fences</li> </ul>
<b>[This is an optional location, alternative location is above address]</b>	
<b>☎ Product Info</b>	Call 1-800-225-2883
<b>Medical Info</b>	Call 1-800-454-2333

**WHEN TO USE**

Use anytime weeds and grasses are actively growing. Treated weeds usually show initial symptoms within hours and complete kill in 1 to 2 weeks. Larger more established weeds may take up to 4 weeks for a complete kill. Roundup works best in warm sunny weather with daytime temperature above 60° F. Reapply if it rains within 2 hours after application. If hard-to-control weeds are not killed within 4 weeks, reapply.

**[8/6/97 Notification – Alternate reformatted text]**

**WHEN TO APPLY**

- Apply when weeds are actively growing.
- For best results apply during warm sunny weather (above 60° F).
- Spray when air is calm to prevent drift to desirable plants.
- Roundup is RAIN-PROOF™ in 2 hours. Rainfall 2 hours after application will not wash away effectiveness.
- Weeds usually begin to wilt within hours with complete kill in 1 to 2 weeks. Established weeds may require a repeat application.
- All ornamental flowers, trees & shrubs may be planted 1 day after application.

## HOW TO USE

To treat individual weeds adjust the nozzle to a coarse spray. Spray when air is calm. Position sprayer tip approximately 1-2 feet from weeds and apply until completely covered. **IMPORTANT:** Roundup is an all-purpose weed and grass killer which will kill almost all plants contacted. If necessary, use cardboard or plastic to shield desirable plants. If plants are accidentally sprayed, rinse off immediately with water. Do NOT use for spot weed control in lawns since Roundup kills all green plants, including lawn grass.

Sprayed areas can be replanted with ornamentals or flowers the day after treatment.

### [8/6/97 Notification – Alternate reformatted text]

#### HOW TO APPLY

- Adjust nozzle to a coarse spray. Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds in a flower or vegetable garden, shield desirable plants from drift with a sheet of cardboard or plastic. If desirable plant is accidentally sprayed, rinse off immediately with water.

**IMPORTANT:** Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup kills lawn grasses.

#### REUSE AND REFILL INSTRUCTIONS:

[For Fast & Easy Pressure Sprayer]

Refill ONLY with Roundup Concentrate and Super Concentrate Weed & Grass Killer. Do not use this bottle for other products.

[24 fl oz]

To refill: Add 2 ½ Tablespoons of Roundup Concentrate Weed & Grass Killer or 4 teaspoons of Roundup Super Concentrate Weed & Grass Killer to this empty 24 fl oz bottle. Then add 24 fl oz (3 cups) clean tap water and use according to the label directions.

#### [8/6/97 Notification]

#### REFILL

To this empty container add 3 cups of water then 2 1/2 Tbs of Roundup Concentrate or 4 tsp of Roundup Super Concentrate.

[For use with the 64 oz bottle]

To refill: Add 7 Tablespoons (3 1/2 fl oz) of Roundup Concentrate Weed & Grass Killer or 3 Tablespoons (1 1/2 fl oz) of Roundup Super Concentrate Weed & Grass Killer to this empty 64 fl oz bottle. Then add 64 fl oz (1/2 gal) clean tap water and use according to the label directions.

#### [8/6/97 Notification]

#### REFILL

To this empty container add ½ gallon of water then 3 ½ fl oz (7TBS) of Roundup Concentrate or 1 ½ fl oz (3 TBS) of Roundup Super Concentrate.

[For use with the 128 oz bottle]

To refill: Add 7/8 cup (7 fl oz) of Roundup Concentrate Weed & Grass Killer or 6 Tablespoons (3 fl oz) of Roundup Super Concentrate Weed & Grass Killer to this empty 128 fl oz bottle. Then add 128 fl oz (1 gal) clean tap water and use according to the label directions.

**[8/6/97 Notification]**

**REFILL**

To this empty container add 1 gallon of water then 7 fl oz of Roundup Concentrate or 3 fl oz (6 Tbs) of Roundup Super Concentrate.

[Text for Fast & Easy Pressure Sprayer]

[For use with the 170 oz bottle]

For refilling: Remove the entire pumping mechanism. Prepare new product carefully following refill instructions. To refill: Add (9 fl oz) of Roundup Concentrate Weed & Grass Killer or 8 Tablespoons (4 fl oz) of Roundup Super Concentrate Weed & Grass Killer to this empty 5 L (170 fl oz) bottle. Then add 5 L (170 fl oz) clean tap water and use according to the label directions.

**STORAGE AND DISPOSAL**

**[For RTU Nested Sprayer]**

**STORAGE:** Flip down spout to close. NO NEED TO DISCONNECT TRIGGER SPRAYER. Close nozzle on trigger sprayer. Snap sprayer back in place.

**[For Fast & Easy Pressure Sprayer]**

To store, make sure handle is all the way down. Slide lock to close. DO NOT DISCONNECT WAND FROM HANDLE. Snap wand back in place. Store this product in its original container, in a secure area. Protect container from freezing.

**DISPOSAL:** To dispose of partially used or empty container, securely wrap it in several layers of newspaper and discard in trash. In case of SPILL or LEAK, soak up with paper towels and discard in trash. Do not reuse container. [optional text for refill instructions]. Do not reuse empty container except for refill in accordance with refill instructions.

**[text for 24 oz container size]**

DO NOT REUSE SPRAY BOTTLE EXCEPT FOR REFILL IN ACCORDANCE WITH DIRECTIONS ON THE ROUNDUP® QUIK STIK GRASS & WEED KILLER LABEL. If NOT used for refill, rinse thoroughly before discarding in trash. [Refill language is optional]

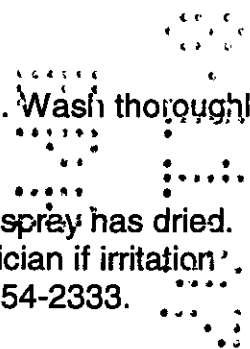
**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**[REENTRY ICON]** People and pets may re-enter treated areas after spray has dried.

**FIRST AID: IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists. In case of an emergency involving this product, call 1-800-454-2333.



**ENVIRONMENTAL HAZARDS**

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

**NOTICE: BUYER ASSUMES ALL RESPONSIBILITY FOR SAFETY AND USE NOT IN ACCORDANCE WITH DIRECTIONS.**

This product is protected by U.S. Patent No. 4,405,531. Other patents pending. No license granted under any non-U.S. patent(s).

**REFORMULATION OR REPACKAGING FOR SALE IS PROHIBITED**

Medical Information, call 1-800-454-2333

Product Information 1-800-225-2883

**[8/6/97 Notification]™ ®Trademarks of Monsanto Company**

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**SOLARIS®**

Manufactured for

The SOLARIS Group of Monsanto Company

P.O. Box 5008

San Ramon CA 94583-0808

EPA Reg. No. 239-2638

Form No. RS884-B C / Product 6035

EPA Est. 239-IA-3<sup>1</sup>, 56100-LA-1<sup>G</sup>

Superscript is first letter of lot number

Made in USA

8/8

# SOLARIS

Stephen R. Cornes  
Registration Specialist

August 8, 1997

Mr. James A. Tompkins, PM 25  
OPP Mailroom (7505C)  
US Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Tompkins:

The Solaris Group of Monsanto Company is submitting Notification (OPP 254135), for "Roundup L & G Ready-To-Use Fast Acting Formula Grass & Weed Killer," EPA Reg. No **239-2638** to:

1. Add one additional front label claim.
2. Add optional reformatted "Directions for Use". This text has been reformatted to fit on a smaller label and to be more easily read and understood.
3. Add Trademark symbol to signature line

To assist you in finding these changes, all edits are preceded with the Notification date in brackets [8/6/97 Notification]. New text is underlined and deletions are ~~crossed out~~.

Please call me at (510) 355-3336 or contact Dr. Russell Schneider at (202) 383-2866 if you have any questions concerning this Amendment.

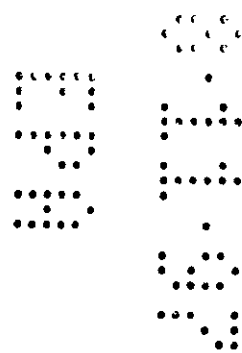
Sincerely,



Stephen R. Cornes

Attachments: 2

CC: R. Schneider  
Files



The Solaris Group

P.O. Box 5006 • 2527 Camino Ramon, Suite 200 • San Ramon, CA 94583 • (510) 355-3300 • Fax (510) 355-3530

239-2638/Notf4\_97.doc

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