

PM25

239-2637

1-23-97

175

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

<input type="checkbox"/>	Registration
<input checked="" type="checkbox"/>	Amendment
<input type="checkbox"/>	Other

OPP Identifier Number  
251512

Application for Pesticide - Section I

1. Company/Product Number 239-2637	2. EPA Product Manager R. Taylor	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Super Concentrate Weed & Grass Killer	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) The SOLARIS Group of Monsanto Company P. O. Box 5006 San Ramon, CA 94583-0906  <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.

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

**NOTIFICATION**  
To submit final labels illustrating mixing table and addition of "or transplanting" back onto the label. Form 9-991-01

**NOTIFICATION**  
JAN 23 '97

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		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	Other (Specify) _____	
		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 Katherine A. Buteau	Title Registration Specialist	Telephone No. (Include Area Code) (510) 355-3339
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.		3. Date Application Received (Stamped)
2. Signature <i>Katherine A. Buteau</i>	3. Title Registration Specialist	
4. Typed Name Katherine A. Buteau	5. Date December 24, 1996	

Makes up to 35 Gallons,  
Covers up to 10,500 sq ft

**Kills The Root**

# Roundup®

WEED & GRASS KILLER

**Super Concentrate**

KEEP OUT OF REACH OF CHILDREN  
**WARNING** See back panel booklet for  
additional precautionary statements.  
NET 1.58 L (.42 GAL) 53 FL OZ

ACTIVE INGREDIENT:  
Glyphosate, N-(phosphonomethyl) glycine  
in the form of its isopropylamine salt ..... 41.0%  
Inert ingredients ..... 59.0%



10166-9

ITF code is 999101

NOTIFICATION  
JAN 23 1997

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**RESEEDING AND REPLANTING IN SPRAYED AREAS**

Ornamentals and Flowers: May be reseeded or replanted the next day.

Vegetables: To plant listed vegetables, wait 3 days after spraying, before seeding or transplanting. For tomato transplants or unlisted vegetables, wait 30 days after spraying.

Beans	Garlic	Peppers
Beet Greens	Horseradish	Potato
Broccoli	Jerusalem Artichoke	Pumpkin
Brussels Sprouts	Kale	Radish
Cabbage	Kohlrabi	Rutabaga
Cauliflower	Lentils	Spinach
Carrot	Lettuce	Summer Squash
Cauliflower	Melons	Sweet Potato
Celery	Mustard Greens	Tomatillo
Chard (Swiss)	Okra	Tomato*
Chicory	Onion	Turnip
Collards	Rape Greens	Watercress
Corn	Parsley	Winter Squash
Cucumber	Parsnips	Yams
Eggplant	Peas	
Endive		

\*Note: Tomatoes planted from seed only. Wait 30 days for rooted transplants.

Small Fruits and Berries: The following listed crops may be planted (by seed, rooted cutting, or transplant) 7 days after spraying Roundup. For unlisted small fruits and berries, wait 30 days after spraying.

Blackberry, Black Raspberry, Blueberry, Boysenberry, Currant, Dewberry, Elderberry, Gooseberry, Huckleberry, Loganberry, Olallieberry, Red Raspberry, and Strawberry.

Fruit and Nut Trees or Grapevines: If Roundup is used to control weeds around fruit or nut trees or grapevines, allow 21 days before eating the fruits or nuts.

For information regarding specific weeds controlled by this product call 1-800-225-2883.

**Used by American Zoo and Aquarium Association  
Member Zoos to Effectively Control Weeds**



**Roundup® Super Concentrate Weed & Grass Killer**

Roundup Super Concentrate will kill almost all annual and perennial weeds, grasses and other unwanted plants. Mix Roundup Super Concentrate with water and use on driveways and walkways, or around fences, trees, flower beds, shrubs, and other areas in your yard. Roundup can also be used for large jobs such as lawn renovation and vegetable and flower garden preparation. 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.

**This product can be used to refill  
Roundup Ready-To-Use Weed & Grass Killer.**

Peel open for use directions and further information

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

**WARNING:** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. SEE ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS INSIDE BOOKLET.

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**

PRESS TO RESEAL

© Trademark of Monsanto Company

SOLARIS®

© Monsanto Company 1996

Manufactured for  
The SOLARIS Group of  
Monsanto Company  
P.O. Box 5008 San Ramon CA 94583-0808  
Form 0-991-01 / Product 6042  
EPA Reg. No. 239-2637  
EPA Est. 239-1A-3, 524-LA-1, 56100-LA-1<sup>6</sup>  
Superscript is first letter of lot number  
Made in USA

**ITEM #21225**



TF code is  
099101

395

Roundup® Super Concentrate will kill almost all annual and perennial weeds, grasses and other unwanted plants. Mix Roundup Super Concentrate with water and use on driveways and walkways, or around fences, trees, flower beds, shrubs and other areas in your yard. Roundup can also be used for large jobs such as lawn renovation and vegetable and flower garden preparation.

**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 ONLY ACCORDING TO LABEL DIRECTIONS OBSERVING ALL PRECAUTIONS.**

**WHEN TO USE**

Use anytime weeds and grasses are actively growing. Treated weeds usually show initial symptoms within 1 week 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. For best results, apply when weeds are small and before seedheads have formed. Reapply if it rains within 6 hours after application. If hard-to-control weeds are not killed within 4 weeks, reapply.

**WHERE TO USE**

**For General Weed Control:** Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, and ornamental plantings and flower beds, around buildings, and in brick and gravel walkways. Use to trim and edge landscape areas. Do NOT use for spot weed control in lawns since Roundup kills all green plants, including lawn grass.

**For Spot Spraying:** Use on actively growing weeds in and around flower beds, ornamental trees, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways. Spray when air is calm. Make sure Roundup does not contact the leaves, green stems, or exposed roots of plants you don't want to kill. If necessary, use cardboard or plastic to shield plants. Roundup will not move in or on the soil to untreated plants. If Roundup is used to control weeds around fruit or nut trees or grapevines, allow 21 days before eating the fruit or nuts.

**For Landscaping:** Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flower beds or similar plantings. Treated areas can be replanted 1 day after treatment.

**For Lawn Renovation:**

- Use Roundup to kill existing weeds and grasses including the old lawn.
- For best results, apply in Spring or Fall, when daytime temperatures are at least 60°F.
- Under dry conditions, water lawn every other day for a week before using Roundup.
- Do not mow for 7 days before or after treatment.
- After 7 days, prepare the soil for planting by raking or rototilling the lawn.
- Make up and remove loosened thatch or debris.
- Mix in starter fertilizer and other amendments, if needed. Level the soil.
- Apply seed according to directions on seed package, or install sod. Grass seed must have a good contact with soil to germinate and grow.
- Keep area moist for 2 weeks, to establish new lawn, then water as needed.

**For Brush Control:** Use when brush is green and growing. If plants are taller than 5 feet, cut back and spray regrowth. Brush sprayed in the fall may not be fully controlled until the following season. Hard-to-control species such as Blackberry, Kudzu, or Poison Oak may require a second application.

**For Stump Treatment:** Stumps can be treated to prevent regrowth. For best results, treat when the vegetation is actively growing and within 5 minutes of being cut down.

- Cut the stump close to the soil surface
- Drive 4 to 5 nail holes into the stump
- Flood the stump with undiluted product.

This treatment will control or suppress many types of woody brush and trees, such as Alder, Bluegum Eucalyptus, Madrone, Oak, Giant Reed, Saltcedar, Sweetgum, and Tan Oak.

**HOW TO USE**

**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. Spray when air is calm. Spray to evenly wet the weed.

To apply this product use:

- Plastic, aluminum or stainless steel tank sprayer
- ORTHO® DIAL 'n SPRAY®
- ORTHO SPRAY-ETTE®
- Other hose-end sprayer recommended for weed killers
- Handtrigger sprayer

Do not use or store solutions of this product in galvanized steel or unlined steel sprayers, or apply through any type of irrigation system or with a sprinkling can.

Rinse sprayer and flush all sprayer components with water 3 times after use. Spray rinse water on bare soil or gravel. After very thorough cleaning, sprayer may be used to apply other products.

Use the following table to determine the amount of Roundup you need. Close cap tightly after use.

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

APPLICATOR	MIXING INSTRUCTIONS General Weed Control Annuals	MIXING INSTRUCTIONS Tough Weed Control Perennials, Brush, Lawn Renovation	AREA TO TREAT
Tank Sprayer	Use 1 1/2 oz (3 Tbs) Roundup to 1 gal of water.	Use 2 1/2 oz (5 Tbs) Roundup to 1 gal of water.	300 sq ft (30 ft x 10 ft)
ORTHO DIAL 'n SPRAY Hose-End Sprayer	Add 1 1/2 oz (3 Tbs) Roundup to sprayer jar. Do NOT add water. Set dial to 1 1/2 oz and spray.	Add 2 1/2 oz (5 Tbs) Roundup to sprayer. Do NOT add water. Set dial to 2 1/2 oz and spray.	300 sq ft (30 ft x 10 ft)
ORTHO SPRAY-ETTE	Add 6 oz Roundup to sprayer jar. Fill to 4 gal mark and spray.	Add 10 oz Roundup to sprayer jar. Fill to 4 gal mark and spray.	1200 sq ft (30 ft x 40 ft)
Handtrigger Sprayer	Use 2 tsp in 24 oz of water.	Use 1 Tbs (1/2 oz) in 24 oz of water.	Use for spot treatments or single weeds.

For best results after mixing with water, use within 2 weeks.

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## Roundup® Super Concentrate Weed & Grass Killer

### STORAGE AND DISPOSAL

**STORAGE:** Store this product only in its original container and in a secured storage area. Protect container from freezing.

**DISPOSAL:** Securely wrap partially filled or empty container in several layers of newspaper and discard in trash. Do not reuse container.

**SPILL OR LEAK:** In case of spill or leak, soak up spill with paper towels and discard in trash.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**WARNING:** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

 People and pets may reenter treated areas after spray has dried.

**FIRST AID:** If in eyes, immediately hold eyelids open and flush with a steady stream of water for 15 minutes. Get medical attention if irritation persists. In case of 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.



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

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EPA Est. 239-IA-3, 524-LA-1<sup>4</sup>, 56100-LA-1<sup>6</sup>  
Superscript is first letter of lot number  
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