

PM 25 239-2647

1994

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

239-2647

DATE OF ISSUANCE

9/24/96

TERM OF ISSUANCE

NOTICE OF PESTICIDE:

REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Roundup Club Concentrate Weed &
Grass Killer

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Ms. Katherine A. Biteau
The Solaris Group of Monsanto Company
P.O. Box 5006
San Ramon, CA 94583-0906

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 the registration/reregistration of your product under FIFRA sec. 3(c)(5) and sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Add the phrase, "EPA Registration No. 239-2647" to the label before you release the product for shipment.

3. Submit three (3) 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 sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of labeling is enclosed for your records.

UCCW

ATTACHMENT IS APPLICABLE.

SIGNATURE OF APPROVING OFFICIAL

Robert Taylor

DATE

9/24/96

2079

Roundup® Club Concentrate Weed & Grass Killer

Designed / Formulated especially for club members

NEW/ Now with MEASURING CAP AND POUR SPOUT
NEW / NOW LARGER SIZE

Now easier to measure and pour
Child resistant cap
Kills the root so weeds don't come back
No root. No weed. No problem.
No odor

Water - based formula [Water Drop Icon]
Makes over 10-20 gallons of spray solution [varies with qt / 1/2 gal container size]
Covers up to 300 sq ft per gallon of spray

Kills unwanted weeds and grasses, roots and all, kills to the root, kills weeds roots and all
Use in / Apply with a *BIG SHOT Multi-Purpose Sprayer* or other tank sprayer, *ORTHO® DIAL 'n*
SPRAY®, *ORTHO SPRAY-ETTE®* or other *ORTHO* hose-end sprayers

Use to prepare sites for large plantings, for planting flower beds, for planting fruit trees,
ornamentals, vegetables, garden sites and to renovate lawns
Kills / spray weeds in flower beds and around fences, trees, shrubs, driveways, walkways and
shrubs, in and around fences, patios, paths, sidewalk cracks, walkways
American Zoo and Aquarium Association Species Survival Plan

Economical- mix 7 to 13 Tablespoons (3 1/2 - 6 1/2 oz) per gallon,
Satisfaction guaranteed or your money back with proof of purchase
Use to refill Roundup Ready-To-Use

For General Weed Control - Kills Weeds And Grasses In 2 To 4 Weeks - Roots & All
Multipurpose Grass & Broadleaf Weed Control
Visible Results In 7 Days
Can Reseed or Sod Lawns 7 Days After Treatment
Lawns and Ornamental gardens can be reseeded or planted soon / 1 day after treatment

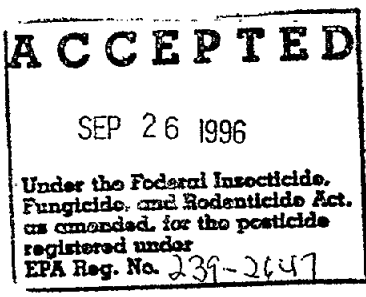
KEEP OUT OF REACH OF CHILDREN

CAUTION Read precautions and directions on back label.
[Fix-a-Form label] See back panel booklet for additional precautionary statements

Active Ingredient

Glyphosate, N-(phosphonomethyl)glycine in the form of its isopropylamine salt	16.5%
Inert Ingredients	83.5%

Net 32 fl oz (1 qt) 946mL or 1/2 gal 3.6 fl oz (67.6 fl oz) 2 L



Roundup® Club Concentrate will kill almost all annual and perennial weeds, grasses and other unwanted plants. Mix Roundup Club Concentrate in water and use to control weeds growing 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, 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.

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

Recommended to zoos everywhere by the American Zoo and Aquarium Association for the control of weeds.

CONTROLS WEEDS AND GRASSES INCLUDING:

**General Weed Control
(Annuals)**

Annual Ryegrass	Creeping Beggarweed	Knotweed	Prostrate Spurge
Annual Bluegrass	Diffuse Lovegrass	Lambsquarters	Puncture Vine
Barnyardgrass	Dog Fennel	Little Bitter Cress	Redroot Pigweed
Beggarweed	Evening Primrose	London Rocket	Sandspur
Black Medic	False Dandelion	Maiden Cane	Shepherdspurse
Blue Toadflax	Fiddleneck	Mallow	Smooth Cat's Ear
Brassbuttons	Field Pennycress	Mayweed	Smooth Pigweed
Bromegrass	Field Sandbur	Mouseear Chickweed	Sowthistle
Bur Clover	Filaree	Oxalis	Spotted Spurge
Chickweed	Florida Pusley	Pennsylvania	St. Augustinegrass
Common Groundsel	Foxtail	Smartweed	Tansy Ragwort
Common Plantain	Garden Spurge	Prickly Lettuce	Tansy Mustard
Crabgrass	Henbit		

Tough Weed Control (Perennials, Brush)

Alder	Elderberry	Oxalis	Timothy
Bahiagrass	False Dandelion	Pennywort	Torpedograss
Bentgrass	Fescue species	Perennial Ryegrass	Trumpetcreeper
Bermudagrass	Field Bindweed (Wild Morningglory)	Poison Oak	Vaseygrass
Blackberries	Honeysuckle	Poison Ivy	White Clover
Broadleaf Plantain	Johnsongrass	Primrose	Whitetop
Canada Thistle	Kentucky Bluegrass	Purple Nutsedge	Wild Barley
Cherry species	Kudzu	Quackgrass	Willow
Common Ragweed	Multiflora Rose	Ragweed	Yellow Nutgrass
Creeping Bentgrass	Nimblewill	Raspberry	Zoysia
Creeping Charlie	Nutsedge	Red Clover	
Curly dock	Oak species	Smooth Bromegrass	
Dandelion	Oldenlandia	St. Augustinegrass	
Dallisgrass	Orchardgrass	Sumac	
Dewberry		Tall Fescue	

For additional weeds controlled by this product call 1-800-225-2883.

DIRECTIONS FOR USE

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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 complete kill. Roundup works best in warm sunny weather with daytime temperature above 60° F. For best results, apply when weeds are small. 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 because Roundup kills all green plants contacted, including lawn grass.

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 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 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. Rake 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, 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.

HOW TO USE

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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®
- Hand-trigger 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. Do not apply to treated weeds. After very through cleaning, sprayer may be used to apply other products.

Measuring cap: To open, squeeze cap sides at the points indicated while unscrewing. The measuring cap has four levels indicated inside. The following table and the measuring cap should be used to determine the amount of Roundup you need. Close cap tightly after use. No need to rinse.

- Level 1 = 1 teaspoon (tsp)
- Level 2 = 1 Tablespoon (Tbs) = 3 tsp
- Level 3 = 1 fl oz (2 Tbs)
- Level 4 = 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	Fill cap to Level 3 three times and Level 2 one time (7 Tbs) . Add to 1 gallon of water.	Fill cap to Level 4 three times and Level 2 one time (3 Tbs) . Add to 1 gallon of water.	300 sq ft (30 ft x 10 ft)
ORTHO DIAL 'n SPRAY® Hose-End sprayer	Fill cap to Level 3 three times and Level 2 one time (7 Tbs) and add to sprayer jar. DO NOT ADD WATER. Set dial to 4 oz and spray.	Fill cap to Level 4 three times and Level 2 one time (3 Tbs) and add to sprayer jar. DO NOT ADD WATER. Set dial to 8 oz and spray.	300 sq ft (30 ft x 10 ft)
ORTHO SPRAY-ETTE®	Fill cap to Level 4 seven times (14 Tbs) and add to sprayer jar. Fill to the 4 gallon mark and spray.	Not recommended for ORTHO SPRAY-ETTE®	1200 sq ft (30 ft x 40 ft)
Hand trigger sprayers	Fill cap to Level 1 four times (4 tsp) . Add to 24 oz of water	Fill cap to Level 2 two times and Level 1 one (1 tsp) . Add to 24 oz of water.	Use for spot treatments or single weeds

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[Alternative directions when measuring cap packaging is not used]

Use the following table to determine the amount of Roundup you need. Close cap tightly after use. No need to rinse.

- 1 teaspoon (tsp)
- 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 3 1/2 oz (7 Tbs) Roundup in 1 gal of water.	Use 6 1/2 oz (13 Tbs) Roundup in 1 gal of water.	300 sq ft (30 ft x 10 ft)
ORTHO DIAL 'n SPRAY® Hose-End sprayer	Add 3 1/2 oz (7 Tbs) Roundup to sprayer jar. DO NOT ADD WATER. Set dial to 4 oz and spray.	Add 6 1/2 oz (13 Tbs) Roundup to sprayer jar. DO NOT ADD WATER. Set dial to 5 1/3 oz and spray.	300 sq ft (30 ft x 10 ft)
ORTHO SPRAY-ETTE®	Add 14 oz Roundup to sprayer jar. Fill to the 4 gallon mark and spray.	Not recommended for ORTHO SPRAY-ETTE®	1200 sq ft (30 ft x 40 ft)
Hand trigger sprayers	Use 4 tsp in 24 oz of water.	Use 2 Tbs and 1 tsp in 24 oz of water.	Use for spot treatments or single weeds

RE-SEEDING AND REPLANTING IN SPRAYED AREAS

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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 before planting into treated soil.

beans	Crenshaw melon	mango melon	radish
beet greens	cucumber	melons	rhubarb
broccoli	eggplant	muskmelon	rutabaga
Brussels sprouts	endive	mustard greens	spinach
cabbage	garlic	okra	summer squash
cantaloupe	honeydew melon	onion	sweet potato
carrot	honey ball melon	rape greens	tomatillo
cauliflower	horseradish	parsley	tomato*
casaba melon	Jerusalem artichoke	parsnips	turnip
celery	kale	peas	watercress
chard (Swiss)	kohlrabi	pepper	watermelon
chicory	leek	persian melon	winter squash
collards	lentils	potato	yams
corn	lettuce	pumpkin	

*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 fruit and berries, wait 30 days after spraying.

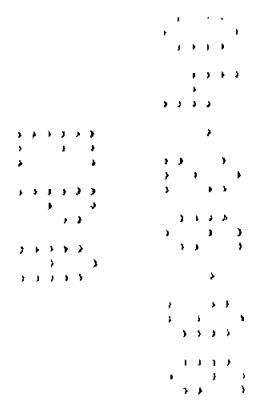
Blackberry, black raspberry, blueberry, boysenberry, currant, dewberry, elderberry, gooseberry, huckleberry, loganberry, olallieberry, red raspberry and strawberry.

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.

This product can be used to refill Roundup Ready-To-Use 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.



9019

PRECAUTIONARY STATEMENTS
Hazards to Humans & Domestic Animals

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

[Child/pet icon] People and pets may reenter treated areas after sprayed vegetation has dried.

FIRST AID: If in eyes, immediately flush with plenty of water. Get medical attention if irritation persists. In case of emergency involving this product, call collect, day or night, (314)694-4000.

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 collect 1-314-694-4000.

Product Information call 1-800-225-2883

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Manufactured for
The SOLARIS Group of Monsanto Company
P.O. Box 5008
San Ramon CA 94583-0808
Form 7-961-01 / Product 6047
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Superscript is first letter of lot number
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