

PM 25

71995-25

12/3/99

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
71995-25

Date of Issuance:  
DEC - 3 1999

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Roundup Super  
Concentrate Weed &  
Grass Killer2

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Monsanto Company, Lawn and Garden Products  
600 13 th Street, N.W. Suite 660  
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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5), 3(g) or 4 when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 71995-25" 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 this product constitutes acceptance of these conditions.

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

Signature of Approving Official:

Date:

12-3-99

The Agency has recently revised its recommended First Aid statements for pesticide products and intends to issue a PR Notice announcing the changes in the near future. In the interim we are encouraging registrants to begin using the new statements. The new statements were developed as part of the Consumer Labeling Initiative in close cooperation with poison control center personnel and other medical experts. While it is not mandatory that you revise your label at this time, you are strongly encouraged to substitute the revised statements (below) for those statements currently on the label at your next label printing:

FIRST AID

If swallowed:	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> </ul>
If in eyes:	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin:	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

[Editorial Notes: Bracketed text [ ] is for internal use or 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/instructions]

**Roundup® Super Concentrate Weed & Grass Killer<sub>2</sub>**

**Active Ingredient**

Glyphosate, isopropylamine salt ..... 50.2 %

Other Ingredients ..... 49.8 %

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

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

<b>A C C E P T E D</b>
DEC - 3 1999
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 71995-25

<b>Product Facts</b>	
Treats up to [xx sq ft] (approx. size of XX tennis courts) [When calculating number of tennis courts, a tennis court is 2,106 sq ft.]	
<b>KILLS WEEDS</b>	[Illustrate grassy, broadleaf and woody weeds] ALL TYPES OF WEEDS & GRASSES
<b>WHERE TO USE</b>	<ul style="list-style-type: none"> <li>• On patios, walkways, driveways, gravel or mulch beds</li> <li>• Around fruits, vegetables, flowers, shrubs or trees</li> <li>• Along fences</li> <li>• In large areas - For lawn replacement - For garden plot preparation</li> </ul>
<b>AMOUNT TO USE</b>	<b>For best results</b> <ul style="list-style-type: none"> <li>• 1 fl oz (2 Tbs) per gallon of water for easy to kill weeds, such as seedlings</li> <li>• 2½ fl oz (5 Tbs) per gallon of water for established or tough weeds</li> </ul>
[phone icon] <b>Questions, Comments or Medical Information</b> call 1-800-225-2883 <a href="http://www.roundup.com">www.roundup.com</a> (call 1-888-Roundup)	

### DIRECTIONS FOR USE

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

### MIXING INSTRUCTIONS

[optional tank sprayer illustration]

**Tank Sprayer** (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- For easy to kill weeds such as seedlings add 1 fl oz (2 Tbs) to 1 gallon of water
- For tough established weeds, add 2½ fl oz (5 Tbs) to 1 gallon of water
- Spot treat or spray evenly over 300 sq ft.

[optional DNS illustration]

**Hose-End Sprayer**

For large areas consider using the Ortho Dial 'n Spray®

- Set dial to 2½ oz.
- To sprayer jar add 2½ fl oz (5 Tbs) for each 300 sq ft. DO NOT add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs) = 3 teaspoons (tsp)

1 fl oz = 2 Tbs

Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.

To clean sprayer after use, rinse sprayer and all sprayer parts with water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

#### **HOW TO APPLY** *[optional illustration]*

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a sheet (piece) of cardboard or plastic. If desirable plants are 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.

#### **WHEN TO APPLY** *[optional illustration]*

- Apply when weeds are actively growing. Use anytime weeds and grasses are actively growing.
- For best results, apply during warm, sunny weather (above 60° F) to accelerate systemic movement from foliage to roots.
- Apply when air is calm to prevent drift to desirable plants.
- (RAIN-PROOF:) Rain or watering 2 hours after application will not wash away effectiveness.
- Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.

#### **ADDITIONAL TIPS** *[optional illustration]*

- **To Kill Vines**
  - If vines are growing up poles, fences, or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
  - If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a sheet (piece) of cardboard or plastic.
- **To Kill Bamboo**
  - Cut canes close to the ground.
  - Make cut just below a stem joint to create a hollow stem reservoir.
  - Pour 1 Tbs of undiluted product into the hollow stem reservoir.

- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

• **To Kill Stumps**

- Cut living stump close to ground.
- Drive 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

• **For Lawn Replacement**

Use Roundup to kill a (an old) lawn and (its) weeds before planting (a) new lawn.

- Skip one mowing before spraying.
- Use 2½ fl oz (5 Tbs) per gallon of water for each 300 sq ft.
- If soil is dry, water before application and 2 to 3 days after application.
- If green patches remain after 7 days, reapply.
- Wait 7 days after last application to rake, till or replant with seed or sod.

(Alternate text)

- Wait 7 days for weeds and lawn to die. Repeat if necessary.
- Rake or till to prepare area for planting seed or sod.

• **Kudzu**

For best results, apply in mid to late summer when vines are mature and actively growing.

• **Wild Blackberry**

Spray anytime plants are actively growing. Dead canes should be cut down and removed. Reapplication is often required to kill deep roots.

• **Poison Ivy & Poison Oak**

Contact with these plants anytime of the year can cause an allergic reaction. Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears. Handle dead plants with rubber gloves. Dispose of plants and rubber gloves in tightly sealed garbage bags.

• **For Flowerbed & Garden Preparation**

Use Roundup to kill weeds, grasses and brush before planting flowers, fruits, vegetables or herbs.

- If soil is dry, water before application and 2 to 3 days after application.
- Apply evenly over treatment area.
- Wait the number of days indicated below before planting.

**WHEN TO REPLANT** [optional illustration]

- All ornamental flowers, trees and shrubs and the following berries, fruits, vegetables and herbs may be planted **1 day after** application:  
 Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss),

chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato, radish, rape greens, raspberry (black and red), rhubarb, rutabaga, spinach, sweet potato, turnip and yams.

- The following fruits, vegetables and herbs may be planted **3 days after** application: Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress.
- Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.
- Lawn grasses may be planted **7 days after** application.

**WHEN TO HARVEST** [optional illustration]

If used to control weeds around fruits or nuts, allow the following number of days before harvesting:

- Citrus (citron, grapefruit, lemon, lime, mandarin, orange, tangelo and tangerine) – **1 day.**
- Nuts (almond, beechnut, cashew, chestnut, hazelnut, pecan, pistachio and walnut) – **3 days.**
- Apple, avocado, banana (plantains), berries (except cranberries), dates, figs, grapes, kiwi fruit, loquat, passion fruit, pear, persimmon, pomegranate and quince – **14 days.**
- Apricot, cherries, nectarine, olives, peach, plum and prunes– **17 days.**
- If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before harvesting.

**HOW IT WORKS** [optional illustration]

Roundup enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found only in plants. Any product (Roundup) not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

**KILLS ALL TYPES OF WEEDS & GRASSES** [optional illustration]

**Weeds (including):** Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, cattail, chickweed, cocklebur, common groundsel, common mullein, common plantain, common ragweed, creeping beggarweed, creeping-charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed (wild morningglory), field pennycress, filaree, Florida pusley, garden spurge, herbbit, horsenettle, horseradish, horseweed/ marestail, iceplant, knapweed, knotweed, lambsquarters, lantana, little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf), oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly

lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed, shepherdspurse, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpetcreeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds

**Grasses (including):** Annual bluegrass, annual ryegrass, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, bromegrass, Cogongrass, crabgrass, creeping bentgrass, dallisgrass, fall panicum, fescue, field sandbur, foxtail, goosegrass, guineagrass, Johnsongrass, Kentucky bluegrass, kikuyugrass, lovegrass, maidencane, nimblewill, nutsedge, orchardgrass, pampas grass, perennial ryegrass, purple nutsedge, quackgrass, sandspur, smooth bromegrass, sprangletop, St. Augustinegrass, tall fescue, Texas panicum, Timothy, torpedograss, vaseygrass, witchgrass, yellow nutgrass, zoysia and other grassy weeds

**Brush (Tough Weeds) Unwanted Tress, Shrubs & Vines (including):** Alder, ash, (quacking) aspen, bamboo, blackberry, bluegum eucalyptus, broom (French, Scotch), buckwheat, ceanothus, chamise, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, persimmon, poison oak, poison ivy, poplar, raspberry, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, wild rose (multiflora) willow and other tough weeds

[reentry icon] People and pets may enter treated area after spray has dried.

**STORAGE AND DISPOSAL** [trash can illustration]

**STORAGE:** Store in original container in a safe place.  
**DISPOSAL: Empty Container:** Put in trash. (Recycle where available.) **Partially Full Container:** Call your local waste disposal service. If local laws permit, put partially full container in trash. Never pour product down any drain.

**PRECAUTIONARY STATEMENTS** [optional illustration]

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

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

**FIRST AID: IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists. **Note to Physicians:** Emergency Information call 1-800-225-2883 (or 1-888-768-6387).

**ENVIRONMENTAL HAZARDS:** Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

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



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Roundup Super Concentrate Weed & Grass Killer<sub>2</sub>

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directions.

This product is protected by U.S. Patents No. 4,405,531 and No. 5,703,015. Other patents pending. No license granted under any non-U.S. patent(s).

REFORMULATION OR REPACKAGING FOR SALE IS PROHIBITED.

<p>[<i>phone icon</i>] <b>Questions, Comments or Medical Information</b> call 1-800-225-2883      <a href="http://www.roundup.com">www.roundup.com</a> (call 1-888-Roundup)</p>
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Roundup is a trademark of Monsanto Company

©[ ] MONSANTO COMPANY

Manufactured for  
Monsanto Company, Lawn & Garden Products  
P.O. Box 1750  
Columbus, OH 43216  
Form [xxx ]  
EPA Reg. No. 71995-[xxx]  
EPA Est. 239-IA-3<sup>1</sup>, 58996-MO-1<sup>A</sup>  
Superscript is first letter of lot number  
Made in USA

**APPENDIX 1 – Consolidated List of Label Claims**

**NEW!**

**NOW!**

Tougher formula

20% more concentrated

Stronger

20% stronger

20% stronger to speed absorption to the root

Ultra concentrated formula, 20% more weed killing power

Makes 50% more than before

Economical concentrate formula

Improved extra strength formula

Economical

Concentrated for extra value

More concentrated formula – use less – makes more

More concentrated formula – makes 50% more than before

Ultra formula

Exclusive Roundup formula

Improved formula, completely kills even the toughest weeds and grasses

No odor

Water based formula

**RAIN-PROOF™**

**RAIN-PROOF™** in two hours

Even if it rains – Roundup won't lose its effectiveness

For control that doesn't (won't) wash away

RainFast in hours - enters the plant on contact

Improved formulation -now RainFast - fast uptake

Starts working immediately

Guaranteed same effective results even if it rains within hours

Won't wash off

Won't wash away

Once it enters the plant, it won't wash off

Transorb technology speeds Roundup to the root to kill even tough weeds

Begins absorbing on contact

Speeds absorption to the root for complete kill.

Absorbs on contact, starts working immediately

Absorbed into both broadleaf and grassy weeds

Works only when absorbed by the foliage of weeds

Visible results in 2 to 4 days

Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction.

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Before [weed graphics] / After [weed graphics]

Kills unwanted weeds and grasses, roots and all

Kills more weeds in more places.

Kills (to) the root

Kills weeds, roots and all

Kills the weed you see and the root you don't

Kills the roots of (both) broadleaf and grassy weeds

Kills existing weeds only, no residual activity in soil

Roundup kills weeds and grasses in – Patios – Driveways – Sidewalks – Gardens and other non-lawn areas.

Kills weeds in flowerbeds, around trees, shrubs and fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.

(Roundup) Kills the weed you see and the root others leave behind

Kills the root so weeds don't come back

No root. No weed. No problem.

Kills over 100 weeds

For general weed control - kills weeds and grasses in 2 to 4 weeks - roots and all

Kills almost all (annual and perennial) weeds, grasses and other unwanted plants

Approved for most (many) lawn and garden uses.

Multipurpose grass and broadleaf weed control

Does not have soil activity

Now a shorter wait for replanting!

Use for large jobs like garden plot preparation and lawn replacement (renovation)

Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens, and for renovating lawns

Can be used for habitat restoration, controlling exotic vegetation, and for site preparation of wildlife food plots.

Use around fruits and vegetables.

Can be used around (small) fruits and vegetables.

Spray weeds (Use) in flowerbeds, around trees, shrubs and around fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard.

Also use for large jobs such as lawn renovation and vegetable and flower garden preparation.

Can reseed or sod lawns 7 days after treatment.

Lawns and gardens can be reseeded or planted soon after treatment.

Ornamental gardens can be reseeded or planted 1 day after treatment.

(Use) For General Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flowerbeds, and buildings, and in brick and gravel walkways. Use to trim and edge landscape areas.

(Use) For Spot Spraying: Use in and around flowerbeds, ornamental, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways.

(Use) For Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flowerbeds or similar plantings.

**Roundup Super Concentrate Weed & Grass Killer<sub>2</sub>**

**EPA Reg No. 71995-**

(Use) For Wildlife Areas: Use to prepare areas for planting wildlife food. Exotic or undesirable plants can be controlled to allow for planting or recovery of native plant species. Spot treatments can be made to selectively remove unwanted plants.

(Use) For Lawn Renovation

(Use) For Brush Control

(Use) For Bamboo Control

(Use) For Stumps

Covers up to 300 sq ft per gallon of spray

Make only what you need

(Use in) Apply with a Big Shot™ Multi-Purpose Sprayer or other tank sprayer, Ortho Dial 'n Spray® or other hose-end sprayer, or a (hand held) trigger sprayer

Easy to apply with an Ortho Dial 'n Spray®, hose-end, tank or (hand held) trigger sprayer

Use to refill Roundup Ready-To-Use containers

Works first time, every time

Satisfaction guaranteed or your money back with proof of purchase

Satisfaction guaranteed or we will gladly refund purchase price

Dead Weeds Guaranteed

Dead Weeds Guaranteed or Your Money Back

*[Promotional options]*

Save up to \$[x] on (your) next purchase

Free weed guide inside

Free [ ] with this purchase of Roundup concentrate quart

**FREE REFILL**

**FREE SAMPLE**

**SAMPLE NOT FOR SALE**

**APPENDIX 2 – Packaging Related Claims**

- NET 8 fl oz (237 mL)
- 16 fl oz (1 pt) (473 mL)
- 32 fl oz (1 qt) 946 mL)
- 128 fl oz (1 gal) (3.79 L)

*[corner flap]*

OPEN

Resealable Label for Directions & Precautions

PULL HERE TO OPEN LABEL

PEEL HERE

PEEL OPEN FOR USE DIRECTIONS AND FURTHER INFORMATION

PRESS TO RESEAL

*[Pint]*

Now makes 16 gallons

Mix with water to make 16 gallons of spray solution

Covers up to 4,800 sq ft

Mix with water to cover up to 4,800 sq ft

*[Quart]*

Now makes 32 gallons

Mix with water to make 32 gallons of spray solution

Covers up to 9,600 sq ft

Mix with water to cover up to 9,600 sq ft

*[Gallon]*

Now makes 128 gallons

Mix with water to 128 gallons of spray solution

Covers up to 38,400 sq ft

Mix with water to cover up to 38,400 sq ft

New! Larger size, covers up to [xx] sq ft