

[6/26/97 Notification - ABN] Roundup Super Concentrate Weed & Grass Killer 1

[7/18/97 Notification] Ultra formula, Rainproof in 2 hours, Roundup kills the weed you see & the root others leave behind, Kills the root.

NEW! MEASURING CAP AND POUR SPOUT INCLUDED

NEW! LARGER SIZE Covers xx sq ft

Now easier to measure and pour. Child Resistant Cap

Kills the root so weeds don't come back. No root. No weed. No problem.

Built-in measuring cap, No odor, Water - based formula

Mix with water to make up to 21 / 85 gallons of spray solution [varies with qt / gal container size]

[7/18/97 Notification] Makes up to 21/85 gallons. Covers up to 6,300/25,500 sq ft (qt or gal size)

Covers up to 300 sq ft per gallon of spray, 75 sq ft per qt, 55 sq ft per 24 oz

Does not have soil activity, Controls existing weeds, is not a preemergent

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

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

Apply Roundup, rainfast starts working immediately.

Guaranteed same effective results even if it rains within hours

New formulation enters the plant within one hour, won't wash off

Quick uptake, eliminates weather concerns, Rainfast in hours - enters the plant on contact

Won't wash off New and Improved Formulation -Now Rainfast - Fast Uptake

Works first time, every time Kills the weed you see and the root you don't

Approved for most/ many lawn and garden uses

Kills over 100 weeds

Can be used around small fruits and vegetables

Kills / spray weeds in flower beds and around fences, trees, shrubs, driveways, walkways and shrubs, in and around fences, patios, paths, sidewalk cracks, walkways,

Economical- mix 3 to 5 tablespoons (1½ - 2½ oz) per gallon, Concentrated For Extra Value

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

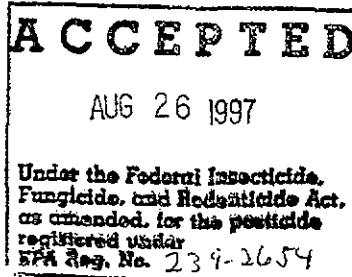
New, Improved Formula Completely kills even the toughest weeds and grasses

Multipurpose Grass & Broadleaf Weed Control

Visible Results In 2 to 4 Days 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



KEEP OUT OF REACH OF CHILDREN

CAUTION Read precautions and directions on back label.

See back panel booklet for additional precautionary statements

Active Ingredient

Glyphosate, N-(phosphonomethyl)glycine in the form of its isopropylamine salt 41.0%

Inert Ingredients 59.0%

Net 32 fl oz (1 qt) 946mL, 53.7 fl oz (.42gal) 1.5 L or 128 fl oz (1 gal) 3.7 L

[Back Cover]

Roundup® Rainfast Super Concentrate Weed & Grass Killer PULL HERE TO OPEN LABEL

[7/18/97 Notification] Open Resealable Label for directions & Precautions. Press to reseal. Peel Here

Roundup® Rainfast Super Concentrate once it enters the plant, it won't wash off, killing almost all annual and perennial weeds, grasses and other unwanted plants. Mix Roundup with water and use on driveways and walkways, or around fences, trees, flower beds, shrubs, gardens, fruit trees 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. Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction.

[7/18/97 Notification]

KILLS ALL TYPES OF WEEDS & GRASSES

WHERE TO USE

- On patios, walkways or driveways
- Around fruits, vegetables, flowers, shrubs or trees
- Along fences
- In large areas

For lawn replacement

For garden plot preparation

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.

Peel open for use directions and further information

PRESS HERE TO RESEAL

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing.

SEE ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS INSIDE BOOKLET.

30412

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

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

[7/18/97 Notification] (deleting redundant test)

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~~The SOLARIS Group of Monsanto Company~~

~~P.O. Box 5008~~

~~San Ramon CA 94583-0808~~

~~Form 7-983-01~~

~~EPA Reg. No. 239-2654~~

~~EPA Est. 239-1A-3¹, 524-LA-1¹, 56100-LA-1⁶~~

~~Superscript is first letter of lot number~~

~~Made in USA~~

[Inside back booklet]

Roundup® Rainfast Super Concentrate once it enters the plant, it won't wash off, killing almost all annual and perennial weeds, grasses and other unwanted plants. Mix Roundup with water and use on driveways and walkways, or around fences, trees, flower beds, shrubs, gardens, fruit trees 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. Visual effects are gradual wilting and yellowing advancing to complete browning and root destruction.

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	Bur Clover	Fiddleneck	il
Annual Bluegrass	Chickweed	Fall Panicum	Henbit
Barnyardgrass	Common Groundsel	Field Pennycress	Knotweed
Beggarweed	Common Plantain	Field Sandbur	Lambsquarters
Black Medic	Crabgrass	Filaree	Dog Fennel
Blue Toadflax	Creeping	Florida Pusley	Little Bitter Cress
Brassbuttons	Beggarweed	Foxtail	London Rocket
Blue Mustard	Diffuse Lovegrass	Goosegrass	Maiden Cane
Buttercup	Evening Primrose	Garden Spurge	Mallow
Bromegrass	False Dandelion	Horseweed/maresta	Mayweed

Mouseear
Chickweed
Oxalis
Pennsylvania
Smartweed
Prickly Lettuce
Prostrate Spurge
Puncture Vine
Redroot Pigweed
Sandspur

Shepherdspurse
Smooth Cat's Ear
Smooth Pigweed
Sowthistle
Spotted Spurge
Tansy Ragwort
Tansy Mustard
Teaweed
Texas Panicum
Tumble Mustard
Sprangletop
Witchgrass
Wild Mustard


Tough Weed Control (Perennials, Brush)

Alder
Artichoke Thistle
Bahigrass
Bentgrass
Bermudagrass
Blackberries
Broadleaf Plantain
Canada Thistle
Cherry species
Common Ragweed
Creeping Bentgrass
Creeping Charlie
Curly dock
Dandelion
Dallisgrass
Dewberry
Common Mullein
Cattail
Cocklebur

Ceanothus
Cogongrass
Coyote Brush
Elderberry
False Dandelion
Fescue species
Field Bindweed
(Wild
Morningglory)
Honeysuckle
Horseradish
Kikuyugrass
Milkweed
Knapweed
Guineagrass
Horsenettle
Iceplant
Lantana
Nightshade,
silverleaf
Johnsongrass
Kentucky Bluegrass

Kudzu
Multiflora Rose
Nimblewill
Nutsedge
Oak species
Oldenlandia
Orchardgrass
Oxalis
Pennywort
Perennial Ryegrass
Poison Hemlock
Quaking Aspen
Pampasgrass
Wild Sweet Potato
Wild Oats
Virginia Creeper
Poison Oak
Poison Ivy
Primrose
Purple Nutsedge

Quackgrass
Ragweed
Raspberry
Red Clover
Smooth
Bromegrass
St. Augustinegrass
Sumac
Tall Fescue
Timothy
Torpedograss
Trumpetcreeper
Vaseygrass
Virginia Creeper
White Clover
Whitetop
Wild Barley
Willow
Yellow Starthistle
Yellow Nutgrass
Zoysia

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

DIRECTIONS FOR USE

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

[7/18/97 Notification] (Optional text) READ ENTIRE LABEL. USE ONLY ACCORDING TO LABEL DIRECTIONS OBSERVING ALL PRECAUTIONS.

WHEN TO USE

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Use anytime weeds and grasses are actively growing. Most treated weeds usually show initial symptoms within 2 to 4 days and complete kill in 1 to 2 weeks. 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 1 to 2 hours / soon 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 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. Be careful to keep spray off desirable plants.

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, 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.

STUMP TREATMENT

6/12

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 4-5 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
- 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. After very thorough 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 or Brush Lawn Renovation	AREA TO TREAT
Tank Sprayer	Fill cap to Level 2 three times (3 Tbs). Add to 1 gallon of water.	Fill cap to Level 2 five times (5 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 2 three times (3 Tbs) and add to sprayer jar. DO NOT ADD WATER. Set dial to 1 1/2 oz and spray.	Fill cap to Level 2 five times (5 Tbs) and add to sprayer jar. DO NOT ADD WATER. Set dial to 2 1/2 oz and spray.	300 sq ft
ORTHO SPRAY-ETTE®	Fill cap to Level 4 three times (6 oz) and add to sprayer jar. Fill to the 4 gallon mark and spray.	Fill cap to Level 4 five times (10 oz) and add to sprayer jar. Fill to the 4 gal mark and spray.	1200 sq ft (30 ft x 40 ft)
Hand trigger sprayers	Fill cap to Level 1 two times (2 tsp). Add to 24 oz of water.	Fill cap to Level 2 one time (1 Tbs). Add to 24 oz of water.	Use for spot treatments or single weeds

[Alternative directions for use 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 or Brush Lawn Renovation	AREA TO TREAT
Tank Sprayer	Use 1 1/2 oz (3 Tbs) Roundup in 1 gal of water.	Use 2 1/2 oz (5 Tbs) Roundup in 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 jar. DO NOT ADD WATER. Set dial to 2 1/2 oz and spray.	300 sq ft
ORTHO SPRAY-ETTE®	Add 6 oz Roundup to sprayer jar. Fill to the 4 gal mark and spray.	Add 10 oz Roundup to sprayer jar. Fill to the 4 gal mark and spray.	1200 sq ft (30 ft x 40 ft)
Hand trigger sprayers	Use 2 Tsp in 24 oz of water.	Use 1 Tbs in 24 oz of water.	Use for spot treatments or single weeds

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

RE-SEEDING 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	chicory	Crenshaw melon	kohlrabi
beet greens	collards	cucumber	leek
broccoli	corn	eggplant	lentils
Brussels sprouts		endive	lettuce
cabbage		garlic	
cantaloupe		gourds	
carrot		honeydew melon	
cauliflower		honey ball melon	
casaba melon		horseradish	
celery		Jerusalem artichoke	
chard (Swiss)		kale	

mango melon
 melons
 muskmelon
 mustard greens
 okra
 onion
 rape greens
 parsley
 parsnips
 peas
 pepper
 persian melon
 potato
 pumpkin
 radish

rhubarb
 rutabaga
 spinach
 summer squash
 sweet potato
 tomatillo
 tomato*
 turnip
 watercress
 watermelon
 winter squash
 yams

90415

***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, and red raspberry.

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

For tropical fruits or special ornamental plants call for specific information 1-800-225-2883.

[7/18/97 Notification] (Optional "Directions for Use" text Reformatted to fit smaller label sizes and increase consumer understanding)

IMPORTANT: Roundup kills all types of plants & grasses whose foliage is contacted by spray (including desirable plants & lawn grasses).

MIXING INSTRUCTIONS

Tank Sprayer (plastic, aluminum or stainless steel)

- To 1 gal of water add:
 - 1½ fl oz for easy-to-control weeds
 - 2½ fl oz for tough weeds
- Spray evenly over 300 sq ft or spot treat.

Ortho® Dial'n Spray®

- Set dial to:
 - 1½ oz for easy-to-control weeds
 - 2½ oz for tough weeds
- To sprayer jar add:
 - 1½ fl oz / 300 sq ft for easy-to-control weeds
 - 2½ fl oz / 300 sq ft for tough weeds
- **DO NOT** add water.
- Spray evenly over measured area.

1 Tablespoon (Tbs) = 3 tsp 1 fl oz = 2 Tbs

Do not apply with a galvanized or unlined steel sprayer, or through any irrigation system.

To clean sprayer after use: rinse sprayer & 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

- Spray all foliage of weed.
- If weed is taller than 5 ft, or is climbing a shrub or tree, cut weed at base & spray its regrowth.
- When spot treating weeds around desirable plants shield plants from drift with a sheet of cardboard or plastic. If desirable plant is accidentally sprayed, rinse off immediately with water.

WHEN TO APPLY

- Apply when weeds 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.
- Roundup is RAIN-PROOF™ in 2 hours. If it rains within 2 hours after application, reapply.
- Apply when weeds are small & before seedheads have formed. Established weeds may require a repeat application.
- If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 21 days before harvesting.

ADDITIONAL TIPS

For Lawn Replacement

Use Roundup to kill lawn & weeds before planting a new lawn.

- For best results, apply in Spring or Fall.
- Skip one mowing before spraying.
- Use 2½ fl oz per gal of water for each 300 sq ft.
- Roundup works best when grass is actively growing. If soil is dry water before application & 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.

WHEN TO REPLANT

- All ornamental flowers, trees & shrubs may be planted **1 day after application.**
- The following list of fruits, vegetables & herbs may be planted **3 days after application.**
Beans, Beet Greens, Broccoli, Brussels Sprouts, Cabbage, Carrot, Cauliflower, Celery, Chard (Swiss), Chicory, Collards, Corn, Cucumber, Eggplant, Endive, Garlic, Gourds, Horseradish, Jerusalem Artichoke, Kale, Kohlrabi, Leek, Lentils, Lettuce, Melons, Mustard Greens, Okra, Onion, Rape Greens, Parsley, Parsnips, Peas, Pepper, Potato, Pumpkin, Radish, Rhubarb, Rutabaga, Spinach, Squash, Sweet Potato, Tomatillo, Tomato, (by seed), Turnip, Watercress & Yams
- Lawn grasses & the following list of berries may be planted **7 days after application.**
Blackberry, Black Raspberry, Blueberry, Boysenberry, Currant, Dewberry, Elderberry, Gooseberry, Huckleberry, Loganberry, Olallieberry & Red Raspberry
- Tomatoes from transplant & unlisted fruits, vegetables & herbs may be planted **30 days after application.**

HOW IT WORKS

Roundup kills weeds by stopping the production of a substance found only in plants. It enters plants through foliage & 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. Weeds usually begin to wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

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

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

[7/18/97 Notification] [Child/pet Reentry icon] People and pets may enter treated areas after spray has dried.

FIRST AID: IF IN EYES: Flush eyes with a plenty of water. Get medical attention if irritation persists.

Note to Physicians: Emergency Information 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.

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Product Information call 1-800-225-2883

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Form 7-983-01

EPA Reg. No. 239-2654

EPA Est. 239-1A-3¹, 524-LA-1^L, 56100-LA-1^G

Superscript is first letter of lot number

Made in USA

[7/18/97 Notification] Solaris®