

Roundup Weed & Grass Killer Concentrate

EPA Reg No. 71995-26

[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® Weed & Grass Killer Concentrate**

Active Ingredient

Glyphosate, isopropylamine salt ..... 25.0 %

Other Ingredients ..... 75.0 %

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See back panel booklet for additional precautionary statements.

(Read precautions and directions on back label.)

NET [xxx]

**ACCEPTED**

MAY 25 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No 71995-26

<b>Product Facts</b>	
Treats up to xx sq ft (approx. size of XX tennis courts) [ When calculating coverage, one gallon treats 300 sq ft and a tennis court is 2,106 sq ft.]	
<b>KILLS WEEDS</b>	<i>[Illustrate grassy, broadleaf and woody weeds]</i> 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>• 6 fl oz (12 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 3 fl oz ( 6 Tbs) to 1 gallon of water
- (For tough established weeds / For best results,) add 6 fl oz (12 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 5 1/3 or 6 oz.
- To sprayer jar add 6 fl oz (12 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 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 6 fl oz (12 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.

<b>WHEN TO REPLANT</b> [optional illustration]
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- 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, henbit, horsetail, horseradish, horseweed/ marestalk, 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, shepherdspurge, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpet creeper, 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, barmyardgrass, 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, 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

[re-entry 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 moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center (1-800-225-2883 or 1-888-768-6387 or 1-888-Roundup) or doctor for treatment advice.</li> </ul>
<b>Emergency Medical Information</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-225-2883 (1-888-768-6387 or 1-888-Roundup) for emergency medical treatment information.	

**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 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).

This is an end-use product. Monsanto does not intend and has not registered if for reformulation or repackaging.

<p>[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)</p>
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Roundup is a trademark of Monsanto Company

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Manufactured for  
Monsanto Company, Lawn & Garden Products  
P.O. Box 1750  
Columbus, OH 43216  
Form [ ]  
EPA Reg. No. 71995-26  
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**  
*[Ordered alphabetically]*

40% more concentrated  
40% stronger  
40% stronger to speed absorption to the root  
Absorbed into both broadleaf and grassy weeds  
Absorbs on contact, starts working immediately  
Also use for large jobs such as lawn renovation and vegetable and flower garden preparation  
Approved for most (many) lawn and garden uses  
Before [*weed graphics*] / After [*weed graphics*]  
Begins absorbing on contact  
Can be used around (small) fruits and vegetables  
Can be used for habitat restoration, controlling exotic vegetation, and for site preparation of wildlife food plots  
Can reseed or sod lawns 7 days after treatment  
Concentrated for extra value  
Covers up to 300 sq ft per gallon of spray

Dead Weeds Guaranteed  
Dead Weeds Guaranteed or Your Money Back  
Does not have soil activity  
Economical  
Economical concentrate formula  
Easy to apply with an Ortho Dial 'n Spray®, hose-end, tank or (hand held) trigger sprayer  
Even if it rains – Roundup won't lose its effectiveness  
Exclusive Roundup formula  
For control that doesn't (won't) wash away  
For general weed control - kills weeds and grasses in 2 to 4 weeks - roots and all  
Guaranteed same effective results even if it rains within hours  
Improved extra strength formula  
Improved formula, completely kills even the toughest weeds and grasses  
Improved formulation -now RainFast - fast uptake

Kills almost all (annual and perennial) weeds, grasses and other unwanted plants  
Kills existing weeds only, no residual activity in soil  
Kills more weeds in more places.  
Kills over 100 weeds  
Kills (to) the root  
Kills the root so weeds don't come back  
Kills the roots of (both) broadleaf and grassy weeds  
Kills the weed you see and the root you don't  
Kills unwanted weeds and grasses, roots and all  
Kills weeds in flowerbeds, around trees, shrubs and fences, and on patios, paths,



sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard  
Kills weeds, roots and all

Lawns and gardens can be reseeded or planted soon after treatment

Make only what you need

Multipurpose grass and broadleaf weed control

NEW!

No odor

No root. No weed. No problem.

NOW!

Now a shorter wait for replanting!

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

Ornamental gardens can be reseeded or planted 1 day after treatment

RainFast in hours - enters the plant on contact

RAIN-PROOF™

RAIN-PROOF™ in two hours

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

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

Satisfaction guaranteed or we will gladly refund purchase price

Satisfaction guaranteed or your money back with proof of purchase

Speeds absorption to the root for complete kill

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

Starts working immediately

Stronger

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

Ultra concentrated formula, 40% more weed killing power

Ultra formula

Use around fruits and vegetables

(Use) For Brush Control

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

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

(Use) For Lawn Renovation

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

(Use) For Stumps

(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

10/12

species. Spot treatments can be made to selectively remove unwanted plants.  
(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  
Use to refill Roundup Ready-To-Use containers  
Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees,  
ornamentals, vegetables and gardens, and for renovating lawns

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

Visible results in 2 to 4 days

Water based formula

Won't wash off

Won't wash away

Works first time, every time

Works only when absorbed by the foliage of weeds

*[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 xx fl oz (qt or gal) (xx mL or L)  
 6 fl oz (177 mL)  
 16 fl oz (1 pt) (473 mL)  
 32 fl oz (1 qt) 946 mL  
 53.7 fl oz (0.42 gal) (1.5 L)  
 64 fl oz (1/2 gal) (1.89 L)  
 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

*[Net contents]* Makes up to 'X' gallons

Makes between 'X' – 'Y' gallons

Mix with water to make 'X' gallons of spray solution

Covers up to 'Z' sq ft

Mix with water to cover up to 'Z' sq ft

*[ X = net contents ÷ 3 ]*

*[ Y = net contents ÷ 6 ]*

*[ Z = X \* 300 ]*

*[Pint]*

Makes up to 5 gallons

Makes between 2½ - 5 gallons

Mix with water to make 5 gallons of spray solution

Covers up to 1,500 sq ft

Mix with water to cover up to 1,500 sq ft

*[Quart]*

Makes up to 10 gallons

Makes between 5 – 10 gallons

Mix with water to make 10 gallons of spray solution

Covers up to 3,000 sq ft

Mix with water to cover up to 3,000 sq ft

*[0.42 Gallon]* Makes up to 18 gallons

Makes between 9 – 18 gallons

Mix with water to make 18 gallons of spray solution

Covers up to 5,400 sq ft

Mix with water to cover up to 5,400 sq ft

[Half Gallon] Makes up to 21 gallons  
Makes between 10 – 21 gallons  
Mix with water to make 21 gallons of spray solution  
Covers up to 6,300 sq ft  
Mix with water to cover up to 6,300 sq ft

[Gallon] Makes up to 42 gallons  
Makes between 21 – 42 gallons  
Mix with water to make 42 gallons of spray solution  
Covers up to 12,600 sq ft  
Mix with water to cover up to 12,600 sq ft

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