

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

Alternate Brand Names: Roundup Pull N' Spray Refill Concentrate
Roundup Pull N' Spray II Refill 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
SEP 24 2002
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 71995-26

Product Facts	
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.]	
KILLS WEEDS	[Illustrate grassy, broadleaf and woody weeds] ALL TYPES OF WEEDS & GRASSES
WHERE TO USE	<ul style="list-style-type: none"> • On patios, walkways, driveways, gravel or mulch beds • Around fruits, vegetables, flowers, shrubs or trees • Along fences • In large areas - For lawn replacement - For garden plot preparation • Other areas in your yard
AMOUNT TO USE	<p>For best results</p> <ul style="list-style-type: none"> • 6 fl oz (12 Tbs) per gallon of water for established or tough weeds <p>[For Roundup Pull N' Spray (II) Refill Concentrate]</p> <ul style="list-style-type: none"> • To refill Roundup Pull N' Spray (II) Empty entire contents (13 oz) into empty 1.33 gallon Roundup Pull N' Spray (II) container and fill with water.
[phone icon] Questions, Comments or Medical Information call (insert contact #) www.roundup.com	

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 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.

[optional PNS (II) illustration]**Roundup Pull N' Spray (II)**

- Add entire contents of 13 fl oz Roundup Pull N' Spray (II) Refill Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

OR

- Add 13 fl oz of Roundup Concentrate to the empty Roundup Pull N' Spray (II) container and fill with water.

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.
 - [*insert brand name*] is Rainproof in 2 hours (30, 45, 60, or 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes)
 - [*Alternate text*] (RAIN-PROOF:) Rain or watering 2 hours (30, 45, 60, or 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) after application will not wash away effectiveness.
 - [*optional text*] Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.
 - If used to control weeds around fruit or nut trees, caneberries, or grapevines, allow 17 days before harvesting.

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 (drill) 4 to 5 holes into freshly cut stump.
 - Immediately pour undiluted product into holes.
- **For Lawn Replacement**

Use Roundup [*or insert brand name*] 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 (Plot) Preparation**

Use Roundup [*or insert brand name*] 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 [<i>optional illustration</i>]

- 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 [<i>optional illustration</i>]

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**.

(OR)

- If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before harvesting.

HOW IT WORKS *[optional illustration]*

Roundup *[or insert brand name]* enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product (Roundup) *[or insert brand name]* 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.

*[Optional section]***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, horsenettle, 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, 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, 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

STORAGE AND DISPOSAL *[trash can illustration]*

STORAGE: Store in original container in a safe place away from direct sunlight.

DISPOSAL: Empty Container: Do not reuse container. Put in trash. (Recycle where available.) **Partially Full Container:** Call your local waste disposal service or 1-800-CLEANUP. Never pour product down any drain.

HOW TO REFILL ROUNDUP READY-TO-USE CONTAINERS

- **24 fl oz Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 2 fl oz of Roundup Concentrate then fill with water very slowly to avoid foaming.
- **½ Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 5 fl oz of Roundup Concentrate then fill with water very slowly to avoid foaming.
- **Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 10 fl oz of Roundup Concentrate then fill with water very slowly to avoid foaming.
- **1.33 Gallon Roundup Weed & Grass Killer₁ Ready-To-Use PNS (II):**
To empty container add 13 fl oz of Roundup Concentrate then fill with water very slowly to avoid foaming.
- **6L Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 16 fl oz of Roundup Concentrate then fill with water very slowly to avoid foaming.
- **2 Gallon Roundup Weed & Grass Killer₁ Ready-To-Use:**
To empty container add 20 fl oz of Roundup Concentrate then fill with water very slowly to avoid foaming.

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.

[re-entry icon] People and pets may enter treated area after spray has dried.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing. • Call a poison control center (insert contact #) or doctor for treatment advice.
Emergency Medical Information	
<ul style="list-style-type: none"> • Have the product container or label with you when calling a poison control center or doctor, or going for treatment. • You may contact (insert contact #) for emergency medical treatment information. • This product is identified as Roundup Weed & Grass Killer Concentrate, EPA Reg. No. 71995-26 	

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 and No. 6,063,733 and No. 6,121,199 and No. 6,121,200. 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.

[*phone icon*] **Questions, Comments or Medical Information**
 call (insert contact #) www.roundup.com

Roundup is a trademark of Monsanto Technology LLC

©[] MONSANTO COMPANY

Manufactured for
 Monsanto Company, Lawn & Garden Products
 P.O. Box 418
 Columbus, OH 43216-0418
 Form []
 EPA Reg. No. 71995-26
 EPA Est. 239-IA-3¹, 58996-MO-1^A
 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
- FastAct™ (Technology)
- 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
- Only Roundup's effectiveness (exclusive formula) won't be washed away by rain or watering 2 hours (30, 45, 60, 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) after treatment
- RainFast in hours (30, 45, 60, or 90 minutes) - enters the plant on contact
- RAIN-PROOF™
- Rainproof in two hours (30, 45, 60, 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes)) (for control that won't wash away)
- (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
- (See) results in 24 hours (1 day)
- 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
- 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

- 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 (hours)
- Water based formula
- (Weeds) start dying in 1 day (24 hours)
- Won't wash off
- Won't wash away
- Works only when absorbed by the foliage of weeds

[Promotional options]

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

[X] % Free (More)

Free weed guide inside

Free [] with this purchase of Roundup concentrate quart

FREE REFILL

FREE SAMPLE

SAMPLE NOT FOR SALE

Value size

APPENDIX 2 – Packaging Related Claims

NET xx fl oz (qt or gal) (xx mL or L)
 6 fl oz (177 mL)
 6.5 fl oz (192 mL)
 8 fl oz (237 mL)
 13 fl oz (384 mL)
 16 fl oz (1 pt) (473 mL)
 32 fl oz (1 qt) 946 mL)
 40 fl oz (1.18 L)
 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]*

[13 oz PNS (II) Refill Concentrate]

Pre-measured

Convenient

Refills (Refill for) (Roundup) Pull N' Spray (II)

Use to refill (Roundup) Pull N' Spray (II)

Refill (Roundup) Pull N' Spray (II) and save

Save money

Easy-to-pour

Refill

Makes one (1) refill for (Roundup) Pull N' Spray (II)

NEW

NOW

(Roundup) Pull N' Spray (II) Refill

Compare to the price of a new (Roundup) Pull N' Spray (II)

No mess
No messy clean-up
No measuring
Easy-to-use
Save time
Less waste
Treat more weeds for less money
Treat twice as many weeds for less money
Great (Excellent) (Outstanding) value
Value Refill Bottle
Pull N' Spray (II) Refill
More economical
Just pour
Quick and (&) Easy
Just pour and (&) add water
Hassle free
Simple
Just pour, fill, and (&) spray

- [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

14/14

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