



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

<input type="checkbox"/> Registration	OPP Identifier Number  <b>294199</b>
<input type="checkbox"/> Amendment	
<input checked="" type="checkbox"/> Other	

**Application for Pesticide – Section I**

1. Company/Product Number 71995-29	2. EPA Product Manager Mr. Jim Tompkins	3. Proposed Classification  <input type="checkbox"/> None <input type="checkbox"/> Restricted
Company/Product (Name) Roundup Weed & Grass Killer Concentrate Plus	PM # 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company, Lawn & Garden Products 1300 I (Eye) St., N.W., Suite 450 East Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3)(B)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section – II**

<input type="checkbox"/> Amendment – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Other – Explain below. <b>JUL 26 2004</b>

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

Submission of final printed label and notification of new claim.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section – III**

**1. Material This Product Will Be Packaged In:**

Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Package wgt. No. per Container

3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____

**Section – IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Dr. Russell Schneider	Title Director, Regulatory Affairs DC	Telephone No. (Include Area Code) (202) 383-2866
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  <b>(Stamped)</b>
2. Signature <i>Rhonda M. Mannion</i>	3. Title Registration Manager	
4. Typed Name Rhonda. M. Mannion Tel. (314) 694-8785	5. Date 14 July 2004	

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# Certification with Respect to Label Integrity

Version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
71995-29	07/14/2004	071995-00029.20040714.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Rhonda M. Mannion  
Signature

14 July 2004  
Date

Rhonda M. Mannion  
Name (typed)

Registration Manager  
Title

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**FASTEST ROUNDUP CONCENTRATE AVAILABLE!**

**KILL'S The ROOTS!**

# Roundup

**WEED & GRASS KILLER  
CONCENTRATE PLUS**

PPN 5008



Active Ingredients:  
 Glyphosate, isopropylamine salt ..... 18.00%  
 Diquat Dibromide ..... 0.73%  
 Other Ingredients ..... 81.27%

**VISIBLE RESULTS IN 24 HOURS!  
RAIN-PROOF IN 30 MINUTES**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**  
 See back panel booklet for additional precautionary statements.  
**NET 32 FL OZ (1 QT)**

041502

File 40939/front label  
 Folder: 40939Monsanto\_21208B3-14  
 color: black, pms 362, pms 430, pms 485, pms 2945, pan yellow  
 bar code: itf, 25%, -58

Created: 08-06-03 cn  
 alt: 8-23-03 mmV 6/30/04 lmk

**NOTIFICATION**  
 JUL 26 2004

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**IMPORTANT:** Some trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal shared roots system. Injury may occur to non-treated trees when one or more trees sharing common roots are treated.

**For Lawn Replacement**

Use Roundup to kill lawn and 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. Apply evenly over treatment area.
- 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.

**For Garden Plot Preparation**

Use Roundup to kill weeds and grasses before planting flowers, fruits, vegetables, trees or shrubs.

- If soil is dry, water before application and 2 to 3 days after application.
- Use 6 fl oz (12 Tbs) per gallon of water for each 300 sq ft. Apply evenly over treatment area.
- Wait 1 to 3 days after last application before planting garden, see **When To Replant** section for details.

**When To Replant**

- All ornamental flowers, trees and shrubs may be planted **1 day after** application.
- Lawn grasses, herbs, vegetables (all), and fruits may be planted **3 days after** application.

**How It Works**

Roundup Concentrate Plus enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any product not absorbed by plants will be deactivated after it hits the soil. Weeds usually yellow and wilt within hours with complete kill in 1 to 2 weeks.

**Satisfaction Guaranteed or your money back with proof of purchase.**

**NO ROOT.  
NO WEED.  
NO PROBLEM.®**

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**OPEN**  
Resealable Label  
for Directions &  
Precautions



**PRODUCT FACTS**

**Makes up to 10 Gallons**  
Treats up to 3,000 sq ft.



- WHERE TO USE**
- ✓ On patios, walkways, driveways, gravel or mulch beds
  - ✓ Around flowers, shrubs or trees
  - ✓ Along fences
  - ✓ In large areas - For lawn replacement  
- For garden plot preparation\*
  - ✓ Other areas of your yard

\*IMPORTANT: While Roundup Concentrate Plus may be used to prepare a vegetable garden for planting, **DO NOT USE** for spot weed treatment after planting fruits or vegetables.

**AMOUNT TO USE** For Best Results -  
6 fl oz (12 Tbs) per gallon of water  
Apply on warm days in bright sunlight

**Questions, Comments or Medical Information:**  
Call 1-800-246-7219 [www.roundup.com](http://www.roundup.com)

For easy to kill weeds such as seedlings add 3 fl oz (6 Tbs) to 1 gallon of water.

Manufactured for Monsanto Company,  
Lawn & Garden Products, P.O. Box 418  
Marysville, OH 43041  
EPA Reg. No. 71995-29

EPA Est. 239-1A-3<sup>1</sup>, 58996-MO-1<sup>A</sup>  
Superscript is first letter of lot number  
PPN 5003 Made in USA



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**DIRECTIONS FOR USE**

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

**MIXING INSTRUCTIONS**

**Tank Sprayer** (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel). **DO NOT MIX, STORE, OR APPLY IN GALVANIZED OR UNLINED STEEL SPRAYER.**

- Add 6 fl oz (12 Tbs) to 1 gallon of water.
- Spot treat or spray evenly over 300 sq ft.

**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.

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

For easy to kill weeds such as seedlings add 3 fl oz (6 Tbs) to 1 gallon of water.

Do not apply with 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.

**User Safety Recommendations**

- Clothing and protective equipment exposed to this product should be washed in detergent and hot water. Such items should be kept and washed separate from other laundry.
- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing immediately if product gets inside; then wash thoroughly and put on clean clothing.

**How To Apply**

- 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 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.

**Application Restrictions:** Do not apply this product in a way that will contact any person or pet, either directly or through drift. Only the person applying this product may be in the area during application.

**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.
- **RAIN-PROOF:** Rain or watering 30 minutes after application will not wash away effectiveness.

**Additional Tips**

**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 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.

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**Weed & Grass Killer  
Concentrate Plus**

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Store product in original container in a safe place away from direct sunlight. **DISPOSAL: If Empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If Partly Filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

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

People and pets may enter treated areas after spray has dried.

FIRST AID	
<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, 1-800-246-7219, or doctor for treatment advice.</li> </ul>
Emergency Medical Information	
<p>• Have the product container or label with you when calling a poison control center or doctor, or going for treatment. • You may contact 1-800-246-7219 for emergency medical treatment information. • This product is identified as <b>Roundup Weed &amp; Grass Killer Concentrate Plus, EPA Reg. No. 71995-29.</b></p>	

PRESS TO RESEAL

**ENVIRONMENTAL HAZARDS:** This product is toxic to aquatic invertebrates. Do not apply directly to any body of water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

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



**Questions, Comments or Medical Information:  
Call 1-800-246-7219      [www.roundup.com](http://www.roundup.com)**

This product is protected by U.S. Patents No. 5,683,958; 5,703,015; 6,063,733; 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 it for reformulation or repackaging.

Roundup is a trademark of Monsanto Technology LLC.

© 2004 MONSANTO COMPANY

Manufactured for Monsanto Company, Lawn & Garden Products

P.O. Box 418, Marysville, OH 43041

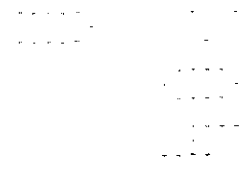
EPA Reg. No. 71995-29

EPA Est. 239-1A-3<sup>1</sup>, 58996-MO-1<sup>A</sup>

PPN 5003

Superscript is first letter of lot number.

Made in USA



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**EPA Reg No. 71995-29**

*[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 Plus**

Alternate Brand Name : MON 78307 Herbicide

**Active Ingredient**

Glyphosate, isopropylamine salt .....	18.0 %
Diquat dibromide.....	0.73 %
Other Ingredients .....	81.27 %

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

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

NET [xxx]

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EPA Approved 12 July 2004  
Notification dated 14 July 2004

**NOTIFICATION**

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<b>Product Facts</b>	
Makes up to X gallons [see Appendix 2 for calculation] 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 2,808 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 flowers, shrubs or trees</li> <li>• Along fences</li> <li>• In large areas - For lawn replacement - For garden plot preparation*</li> <li>• Other areas in (of) your yard</li> </ul>
* <b>IMPORTANT:</b> While Roundup Concentrate Plus may be used to prepare a vegetable garden for planting, DO NOT USE for spot weed treatment after planting (any) fruits or vegetables.	
<b>AMOUNT TO USE</b>	<b>For best results</b> • 6 fl oz (12 Tbs) per gallon of water Apply on warm days in bright sunlight
[phone icon] <b>Questions, Comments or Medical Information</b> call (insert contact #) <a href="http://www.roundup.com">www.roundup.com</a>	

[For products where an anti-theft device has been added] This bottle contains an anti-theft device, either inside or on the back of the bottle. It does not affect [Insert Brand Name] performance [notification dated 10-feb-04].

**DIRECTIONS FOR USE**

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



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**MIXING INSTRUCTIONS**

*[Optional tank sprayer illustration]*

**Tank Sprayer** (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel. **(Do not (mix, store or) apply with (in) a galvanized or unlined steel sprayer.)**

- (For tough established weeds / For best results,) add 6 fl oz (12 Tbs) to 1 gallon of water.
- *[Optional text]* (For easy to kill weeds such as (small) seedlings, add 3 fl oz (6 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.

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.

**USER SAFETY RECOMMENDATIONS *[optional illustration]***

- Clothing and protective equipment exposed to this product should be washed in detergent and hot water. Such items should be kept and washed separate from other laundry.
- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing immediately if product gets inside; then wash thoroughly and put on clean clothing.

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

- Spray the weeds or grasses you want to kill until thoroughly wet.

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- 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 (or cut off treated area).

**IMPORTANT:** Do not spray plants or grasses you like - they may die too. Not recommended for spot weed control in lawns since Roundup [*or insert brand name*] kills lawn grasses.

**Application Restrictions:** Do not apply this product in a way that will contact any person or pet, either directly or through drift. Only the person applying this product may be in the area during application.

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

- Use anytime weeds and grasses are actively growing. (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.
- [*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.

**ADDITIONAL TIPS** [*Optional section*] [*optional illustration*]

- **For Lawn Replacement**  
Use [*Insert brand name*] to kill a (an old) (an unwanted) lawn and (its) weeds before planting (a) new lawn (OR prior to laying a patio, sidewalk, or driveway).

[*Alternate text*] For lawn replacement use [*insert brand name*] to kill lawn and(&) weeds before planting new lawn.

- Skip one mowing before spraying.
- If soil is dry, water before application and 2 to 3 days after application.
- 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.

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- (If green patches remain after 7 days, reapply.)

### [Alternate section]

(Great) [Insert brand name] Project: Lawn Renovation

Use [Insert brand name] to kill sections of a weed-infested lawn before reseeding.

- Apply [Insert brand name] to lawn weeds and grasses Wait 7 days after application to rake, till or replant with seed or sod.
- Work (1" of) Scotts Lawn Soil with Starter Fertilizer into existing soil, mixing well.
- For thick, green grass – guaranteed -- spread Scotts Pure Premium (or other Scotts grass seed) and water regularly (daily) to keep area moist (follow package instructions).
- For best results, add a thin layer of Scotts Miracle-Gro Sphagnum Peat Moss (or Scotts Lawn Soil) over the area to help seeded area stay moist throughout germination period.

### • For Flowerbed and Garden (Plot) Preparation

Use [Insert brand name] to kill weeds, grasses and brush before planting flowers, fruits, vegetables, trees or shrubs.

- If soil is dry, water before application and 2 to 3 days after application.
- Apply evenly over treatment area.
- (Wait 4 to 6 days for product to kill plants then cleanup plant refuse and till soil.)
- Wait (at least) 1 day before planting flowers, trees and shrubs. (Refer to the **When To Replant** section for planting intervals for fruits and vegetables)

### [Alternate section]

### • (Great) [Insert brand name] Project: Garden(Plot) Preparation

Use [insert brand name] to kill unwanted weeds and grasses before planting flowers, fruits, vegetables, trees or shrubs.

- Apply [insert brand name] to vegetation in planting bed
- (Wait 4 to 6 days for product to kill plants then cleanup plant refuse and till soil.)
- Wait (at least) 1 day after application before planting flowers, trees, and shrubs. (Refer to the **When To Replant** section for planting intervals for fruits and vegetables)
- For best results, add 3" of Miracle-Gro Garden Soil to your garden. Rototill or spade to a depth of 6", mixing well.
- Feed (new) plants every 2 weeks with Miracle-Gro Plant Food (follow package instructions).

### • 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

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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.

**IMPORTANT:** Some trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal shared roots system. Injury may occur to non-treated trees when one or more trees sharing common roots are treated.

- **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.

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

- All ornamental flowers, trees and shrubs may be planted **1 day after** application.
- Lawn grasses, herbs, vegetables (all), and fruits may be planted **3 days after** application.

### **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) [*insert brand name*] not absorbed by plants will be deactivated after it hits the soil. Weeds usually yellow and wilt within hours with complete kill in 1 to 2 weeks.

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[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 Trees, 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]

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

**DISPOSAL: If empty:** Do not reuse this container. Place in trash or offer for recycling if

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available. **If Partly Filled:** Call your local solid waste agency (or 1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain.

**HOW TO REFILL ROUNDUP READY-TO-USE CONTAINERS** *[Optional section]*

- **24 fl oz Roundup Weed & Grass Killer<sub>1</sub> Ready-To-Use:**  
To empty container add 2 fl oz of Roundup Concentrate Plus *[or alternate brand name]* then fill with water very slowly to avoid foaming.
- **½ Gallon Roundup Weed & Grass Killer<sub>1</sub> Ready-To-Use:**  
To empty container add 5 fl oz of Roundup Concentrate Plus *[or alternate brand name]* then fill with water very slowly to avoid foaming.
- **Gallon Roundup Weed & Grass Killer<sub>1</sub> Ready-To-Use:**  
To empty container add 10 oz of Roundup Concentrate Plus *[or alternate brand name]* then fill with water very slowly to avoid foaming.
- **1.33 Gallon Roundup PNS (II):**  
To empty container add 13 fl oz of Roundup Concentrate Plus *[or alternate brand name]* then fill with water very slowly to avoid foaming.
- **6L Roundup Weed & Grass Killer<sub>1</sub> Ready-To-Use:**  
To empty container add 16 fl oz of Roundup Concentrate Plus *[or alternate brand name]* then fill with water very slowly to avoid foaming.
- **2 Gallon Roundup Weed & Grass Killer<sub>1</sub> Ready-To-Use:**  
To empty container add 20 fl oz of Roundup Concentrate Plus *[or alternate brand name]* then fill with water very slowly to avoid foaming.

**PRECAUTIONARY STATEMENTS** *[optional illustration]*

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

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:**

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

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<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 (insert contact telephone #) or doctor for treatment advice.</li> </ul>
<b>Emergency Medical Information</b>	
<ul style="list-style-type: none"> <li>• Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</li> <li>• You may contact (insert contact telephone #) for emergency medical treatment information.</li> <li>• This product is identified as <b>[Insert brand name], Reg. No. 71995-29</b></li> </ul>	

**ENVIRONMENTAL HAZARDS:** This product is toxic to aquatic invertebrates. Do not apply directly to any body of water. Do not contaminate water when cleaning equipment or 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. 5,683,958 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](http://www.roundup.com)

Roundup is a trademark of Monsanto Technology LLC

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Manufactured for  
Monsanto Company, Lawn & Garden Products  
P.O. Box 418  
Marysville, OH 43041

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Form [ ]

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EPA Est. 239-IA-3<sup>l</sup>, 58996-MO-1<sup>A</sup>

Superscript is first letter of lot number

Made in USA



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**APPENDIX 1 – Consolidated List of Label Claims**  
*[Ordered alphabetically]*

- ASPCA approved *[ASPCA seal of approval to be submitted]*
- 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 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
- Concentrated formula
- (Contains) FastAct™ (technology)
- Dead Weeds Guaranteed (or Your Money Back)
- Dead (weeds) in a day
- Deactivates in soil
- 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 *[or insert brand name]* won't lose its effectiveness
- Exclusive Roundup *[or insert brand name]* formula
- Experience the Roundup Advantage (peel back this panel for detail) (see details inside / underneath this booklet) (see details on back panel)
- FastAct™ (Technology)
- Fast-acting formula
- Fast-acting formula works twice as fast (50% faster)
- Fast-acting formula absorbs to root more quickly
- Fastest Roundup Concentrate Available
- For control that doesn't (won't) wash away
- For general weed control - kills weeds and grasses in 1 to 2 weeks - roots and all
- For weeds that are dead in a (one) day
- Guaranteed same effective results even if it rains within hours
- Guaranteed effective: Kills over 200 types of weeds and grasses, roots and all, with just one application
- Guaranteed (we guarantee it)
- Ideal for killing unwanted weeds and grasses throughout your yard. Use along fences; in cracks of walks, drives and patios; and around flower beds, trees and shrubs

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- Improved extra strength formula
- Improved formula, completely kills even the toughest weeds and grasses
- Keeps driveways, walkways, landscaping beds, and flower gardens weed-free all season long
- 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 toughest weeds and grasses) the root so weeds (they) don't come back
- 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!
- Next day (this weekend) results: Begins killing on contact, visible results in 24 hours
- 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
- One application kills over 200 types of weeds and grasses, roots and all (maximum effectiveness)
- Only Roundup's effectiveness (exclusive formula) won't be washed away by rain or watering 2 hours (30, 45, 60, 90 minutes) after treatment
- Only Roundup's effectiveness (formula) won't be washed away by rain or watering 2 hours ( 1 hour)(30, 45, 60, or 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) after treatment
- Proven (trusted) performance: Only Roundup [*or insert brand name*] works the first time, every time – and has for 25 years
- Provides maximum control: Kills weeds to the root so they don't ever come back
- Quick kill formula (the toughest)
- Quick-action formula lets you see results 50% faster (two times)
- Ornamental gardens can be reseeded or planted 1 day after treatment
- RainFast in hours (30, 45, 60, or 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes)- enters the plant on contact
- RAIN-PROOF™ (Mistake Proof)

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- RAIN-PROOF™ in two hours (30, 45, 60, or 90 minutes; 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) (for control that won't wash away)
- Roundup [*or insert brand name*] can be used (almost) anywhere weeds and grasses grow, including patios, walkways, and driveways; along fences; in landscaping beds; or around flowers, shrubs and trees
- (Roundup) [*or insert brand name*] Kills the weed you see and the root others leave behind
- Roundup's exclusive (patented) formula (technology) kills to the root so weeds don't come back
- Roundup [*or insert brand name*] kills weeds and grasses in – Patios – Driveways – Sidewalks – Ornamental 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 hours
- (See) results in 24 hours
- 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 to kill in hours
- Starts working immediately (in hours)
- Stronger
- Transorb technology speeds Roundup to the root to kill even tough weeds
- Twice as fast
- (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 for large jobs like garden plot preparation and lawn replacement (renovation)
- (Use) For Lawn Renovation
- Use to trim and edge landscape areas.
- (Use) For Spot Spraying: Use in and around flowerbeds, ornamental trees, shrubs, fences, driveways and walkways
- (Use) For Stumps
- (Use in) Apply with a Big Shot™ Multi-Purpose Sprayer or other tank 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.
- Water based formula
- Won't wash off (away)

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- Works first time, every time
- Works in hours
- Works overnight
- 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

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**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 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 ]*

*[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

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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

With (the convenient) measuring cup, mixing *[Insert brand name]* (controlling weeds around your home) has never been easier

With (the convenient) measuring cup, controlling weeds all around your home has never been this fast and easy