

Kills Weeds
Roots and All
With No
Soil Activity

WEED & GRASS KILLER

Roundup® CONCENTRATE

Keep out of reach of children.

CAUTION Read precautions and directions in and on back panel.

ACTIVE INGREDIENT:

Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt.....	18.0%
INERT INGREDIENTS.....	82.0%
	100.0%

Makes up to 20 Gallons
Covers up to 6,000 Sq. Ft.

NET 64 fl oz

897.18-000.83-1

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO THE DIRECTIONS IN THE LABEL AND OBSERVE ALL PRECAUTIONS.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, immediately flush with plenty of water. Get medical attention if irritation persists. Remove product from skin or clothing.

IF SWALLOWED, this product will cause gastrointestinal tract irritation. Immediately dilute by swallowing water or milk. Get medical attention.

In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

NOTICE: BUYER ASSUMES ALL RESPONSIBILITY FOR SAFETY AND USE NOT IN ACCORDANCE WITH DIRECTIONS. IF THESE TERMS ARE NOT ACCEPTABLE, RETURN AT ONCE UNOPENED.

Environmental Hazards

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

PRECAUTION: SEE "DIRECTIONS FOR USE" FOR IMPORTANT CONTAINER PRECAUTIONS, and inside label for storage and disposal information.

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.

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MONSANTO COMPANY
AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63167 U.S.A.
EPA Reg. No. 524-370

EPA Est. (G)56100-LA-001; (L)524-LA-1;
(I)239-IA-3
Lot number prefix G,L, or I indicates
appropriate establishment number.

897.18-000.83-2X3



PULL HERE TO OPEN/PRESS TO RESEAL

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. **READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO THE FOLLOWING DIRECTIONS AND OBSERVE ALL PRECAUTIONS.**

Roundup® Concentrate Weed and Grass Killer, when absorbed by contacted foliage, is carried throughout the stems and roots to give complete kill of tough annual and perennial weeds and grasses. Roundup is broken down in the soil by microbes. Once in contact with soil, it has no more weed killing activity and will not move in or on the soil to affect nearby plants.

HOW TO USE

IMPORTANT: This product is an all-purpose weed, grass, and brush killer which can injure or kill all plants contacted (virtually anything that is green and growing). **APPLY ONLY WHEN AIR IS CALM. AVOID SPRAY CONTACT ON DESIRABLE PLANTS. IF NECESSARY, SHIELD DESIRABLE PLANTS TO PREVENT CONTACT WITH SPRAY.** If spray or drift accidentally contacts desirable plants, wash off immediately with water. Rainfall within 6 hours could affect performance. Avoid mowing, cutting or otherwise disturbing sprayed plants for at least 7 days. People and pets should stay off sprayed area until thoroughly dry to ensure that product is not tracked into areas where desirable plants are growing.

SPRAY EQUIPMENT

Use pump-up-type or hand-trigger type sprayers to apply this product. Triple-rinse sprayer and flush all sprayer components with water after use to remove residues of this product. After very thorough cleaning, equipment may be used to apply other products. Apply rinse waters to undesirable plants not previously sprayed.

WARNING: Mix, spray, apply and store solutions of this product only in stainless steel, aluminum, fiberglass, plastic or plastic-lined steel sprayers. **DO NOT MIX, APPLY, OR STORE THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) SPRAYERS,** because the product and such containers can react to produce a highly combustible mixture of hydrogen gas. This buildup of hydrogen gas in a closed container can create enough pressure to cause the container to rupture, or can flash or explode, causing serious personal injury, if ignited by open flame, spark, welders torch, lit cigarette or any other ignition source.

Do not apply this product through any type of irrigation system, nor use in hose-end sprayers or sprinkler-type devices. These applications may result in poor and/or erratic results

Follow mixing rate recommendations in this Use Directions Table. Ensure uniform and complete spray coverage. Sprayed plants usually show effects within 7 days, with complete kill in 2 to 4 weeks. For best results, apply to actively growing undesirable weeds, grasses, trees, brush and plants in warm, sunny weather. If not completely killed within 4 weeks, repeat application. In some cases, control of brush and trees sprayed in the fall may not be fully apparent until the following season. Sprayed areas can be reseeded or replanted, 7 days after spraying.

USES	SPRAYING INSTRUCTIONS	WEEDS CONTROLLED	MIXING RATE
SPOT SPRAYING/TRIM and EDGE Undesirable plants in and around • fences • trees • driveways • flower beds • walkways • shrubs	Apply to actively growing plants. Apply to annual weeds anytime after emergence. For perennial weeds, apply after seed heads or flowers appear. Avoid spray contact with foliage, stems or green bark of desirable plants.	Most annual and perennial weeds and grasses such as chickweed, ragweed, dandelion (Complete list follows this table.)	ANNUALS - 3 fl oz (6 tbsps) per 1 gallon water PERENNIALS and BRUSH - 6 fl oz (12 tbsps) per 1 gallon water 1) Use clean water 2) Ensure uniform and complete spray coverage Position sprayer tip 1-2 feet from weeds.
LAWN RENOVATION • Replacement of worn out lawns • Changing to more desirable grass	For best results on lawns, skip at least one mowing prior to spraying. Delay reseeding, sprigging, tillage or sodding for 7 days after spraying. Early spring or fall spraying recommended.		
GARDEM, ORNAMENTAL BED PREPARATION FOR PLANTING: • Flowers • Trees, Shrubs • Vegetables • Berries and small fruits	Any ornamental may be planted 7 days after spraying. Vegetables, berries and small fruits may be planted 7 days after spraying (Complete list follows this table.)		
BRUSH CONTROL TO KILL: • Woody brush • Trees • Vines	Spray when leaves are fully expanded (spring-early summer) or when flowers or berries appear (mid-summer - fall). Spray trees and brush up to 5 feet in height. For taller plants, cut down and spray regrowth.	Most brush, such as poison ivy, blackberry and kudzu (Complete list follows.)	

Note: If Roundup is used to control undesirable plants around fruit or nut trees or grapevines, allow 21 days before eating the fruits or nuts.

WEEDS CONTROLLED

When applied as recommended under the conditions described in the Use Directions Table, Roundup Concentrate controls many common weeds including the following:

Annuals

- Barnyardgrass
- Bluegrass (annual)
- Chickweed
- Crabgrass
- Foxtail
- Lambsquarter (common)
- Lettuce (prickly)
- Mustard (tansy)

- Pennycress (field)
- Pigweed (redroot, smooth)
- Ragweed (common)
- Ryegrass (annual)
- Sandbur (field)
- Shepherdspurse
- Sowthistle

Perennials

- Bahiagrass
- Bermudagrass
- Bindweed (field)
- Bluegrass (Kentucky)
- Bromegrass (smooth)
- Clover (red, white)
- Dallisgrass
- Dandelion
- Fescue species

- Fescue (tall)
- Johnsongrass
- Nutsedge (purple, yellow)
- Orchardgrass
- Quackgrass
- Ryegrass (perennial)
- Thistle (Canada)
- Timothy
- Vaseygrass

Brush

- Alder
- Blackberry
- Cherry
- Dewberry
- Elderberry
- Honeysuckle
- Kudzu
- Oak

- Poison Ivy
- Poison Oak
- Raspberry
- Rose (multiflora)
- Sumac
- Trumpet creeper
- Willow

VEGETABLES, SMALL FRUITS AND BERRIES

The following vegetables, small fruits and berries may be planted (by seed, rooted cuttings or transplants) 7 days after spraying. If it is desired to plant vegetables, small fruits and berries other than those in the below list, wait for 30 days after spraying.

VEGETABLES

- ARTICHOKE, JERUSALEM
- ASPARAGUS
- BEANS (ALL)
- BEE GREENS
- BEETS (RED, SUGAR)
- BROCCOLI (ALL)
- BRUSSELS SPROUTS
- CABBAGE (ALL)
- CANTALOUPE
- CARROT
- CAULIFLOWER
- CASABA MELON
- CELERY
- CHARD, SWISS
- CHICORY
- COLLARDS
- CORN
- CRENSHAW MELON
- CUCUMBER
- EGGPLANT
- ENDIVE
- GARLIC
- GOURDS
- GROUND CHERRY
- HONEYDEW MELON
- HONEY BALL MELON
- WORSERADISH
- KALE
- KOHLRABI

- LEEK
- LENTILS
- LETTUCE
- MANGO MELON
- MELONS (ALL)
- MUSKMELON
- MUSTARD GREENS
- OKRA
- ONION
- RAPE GREENS
- PARSLEY
- PARSNIPS
- PEAS (ALL)
- PEPPER (ALL)
- PERSIAN MELON
- POTATO (IRISH, SWEET)
- PUMPKIN
- RADISH
- RHUBARB
- RUTABAGA
- SPINACH (ALL)
- SQUASH (SUMMER, WINTER)
- TOMATILLO
- TOMATO*
- TURNIP
- WATERCRESS
- WATERMELON
- YAMS

SMALL FRUITS AND BERRIES

- BLACKBERRY
- BLUEBERRY
- BOYSENBERRY
- CRANBERRY
- CURRANT
- DEWBERRY
- ELDERBERRY
- GOOSEBERRY
- HUCKLEBERRY
- LOGANBERRY
- OLALLIEBERRY
- RASPBERRY (BLACK, RED)
- STRAWBERRY

*Tomatoes from seed only. Wait 30 days for rooted transplants

STORAGE AND DISPOSAL

Storage: Store this product only in its original container and in a secured storage area. Protect container from freezing.

PRODUCT DISPOSAL:

Monsanto is committed to responsible environmental practices and recommends that all of the product be used up, carefully following all label directions and precautions.

If necessary to dispose of partially filled product container, then securely wrap it in several layers of newspaper and discard in trash.

EMPTY CONTAINER

Do not reuse container. Emptied container retains vapor and product residue. Observe all labeled safeguards until container is discarded.

Securely wrap empty container in several layers of newspaper and discard in trash.

SPILL OR LEAK:

In case of spill or leak, soak up with paper towels and discard in trash.

For more product information or questions, call toll-free 1-800-225-2883, 8 00AM - 4:00PM Pacific Standard Time. MONDAY-FRIDAY

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