EPA Reg. No. 71995-14

[Editorial notes: Bracketed text [] is for notes or serves as a 'place holder' for graphics. Parenthetical text () denotes optional wording.]

# **Glyphosate Concentrate Herbicide**

Active ingredient

Glyphosate, isopropylamine salt.......16.5% Other ingredients................83.5%

# KEEP OUT OF REACH OF CHILDREN CAUTION

A multipurpose grass & broadleaf weed killer After [graphic of dead weed] Before [graphic of live weed]

Can reseed or sod lawns 7 days after treatment

Contains glyphosate

Contains no diquat

Covers up to 300 sq ft per gallon of spray

Economical - mix 7 to 13 Tablespoons (3½ - 6½ oz) per gallon

For general weed control

Kills to the root

Kills tough weeds in 1 to 2 weeks

Kills unwanted weeds and grasses, roots and all

Kills weeds and grasses in 2 to 4 weeks - Roots and all

Kills weeds, grasses and other unwanted plants

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

Kills weeds, roots and all

Lawns and ornamental gardens can be reseeded or planted soon after treatment

Makes up to X [ net contents ÷ 3.5 ] gallons of spray solution

Multipurpose grass & broadleaf weed control

New

No Odor

Now

Spray weeds in flower beds and around fences, trees, shrubs, driveways, walkways and shrubs, in and around fences, patios, paths, sidewalk cracks, and walkways Use along fences, sidewalks, driveways, around trees and shrubs

Use along fences, sidewalks, driveways, around frees and shrubs

Use in (insert spray name) tank sprayer or ORTHO Dial'n Spray

Use on driveways and walkways, or around fences, trees, flower beds, shrubs and other?

ACCEPTED

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7 19 5-14

> . د د د د

areas in your yard
Use to prepare sites for large plantings, for planting flower beds, for planting fruit trees, ornamentals, vegetables, garden sites, and to renovate lawns
Use to renovate lawns
Use with hose-end sprayer
Visible results in 7 days
Water-based formula

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

Net Contents [\_\_\_]

Glyphosate Concentrate Herbicide will kill almost all annual and perennial weeds, grasses and other unwanted plants. Mix with water and use to control weeds growing on driveways and walkways, or around fences, trees, flower beds, shrubs and other areas in your yard. Glyphosate can also be used for large jobs such as lawn renovation, vegetable and flower garden preparation. It kills weeds by stopping the production of a substance found only in plants. Any Glyphosate not absorbed by the plant breaks down into natural materials. Glyphosate will not move in or on the soil to untreated plants.

### CONTROLS WEEDS AND GRASSES INCLUDING:

General Weed Control (Annuals)

Annual Ryegrass Annual Bluegrass Barnyardgrass Beggarweed Black Medic Blue Toadflax Bromegrass Bur Clover Chickweed Common Groundsel

Common Plantain Crabgrass Creeping Beggarweed Diffuse Lovegrass

Dog Fennel **Evening Primrose** 

False Dandilion Fiddleneck Field Pennycress Field Sandbur Filaree Florida Pusley

Foxtail

Garden Spurge Henbit

Knotweed Lambsquarters Little Bitter Cress London Rocket Maiden Cane Mallow Mayweed

Mouseear Chickweed

Oxalis

Pennsylvania Smartweed Prickly Lettuce Prostrate Spurge Puncture Vine Redroot Pigweed

Sandspur

Shepherdspurse Smooth Cat's Ear Smotth Pigweed Sowthistle Spotted Spurge Tansy Ragwort **Tansy Mustard** 

## Tough Weed Control (Perennials, Brush)

Alder
Bahiagrass
Bentgrass
Bermudagrass
Blackberries
Broadleaf Plantain
Canada Thistle
Cherry species
Common Ragweed
Creeping Bentgrass
Creeping Charlie
Curly Dock
Dandelion
Dallisgrass

Elderberry False Dandelion Fescure species

Dewberry

Field Bindweed Quackgrass
Honeysuckle Ragweed
Johnsongrass Raspberry
Kentucky Bluegrass Red Clover

Kudzu Smooth Bromegrass
Multiflora Rose St. Augustinegrass
Nimblewill Sumac
Nutsedge Tall Fescue
Oak species Timothy
Oldenlandia Torpedograss

Orchardgrass Trumpetcreeper
Oxalis Vaseygrass
Pennywort White Clover
Perennial Ryegrass Whitetop
Poison Ivy Wild Barley
Poision Oak Willow
Primrose Yellow Nutgrass

Purple Nutsedge Zoysia

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL. USE ONLY ACCORDING TO LABEL DIRECTIONS OBSERVING ALL PRECAUTIONS.

#### WHEN TO USE

Use anytime weeds and grasses are actively growing. Treated weeds usually show initial symptoms within 1 week and complete kill in 1 to 2 weeks. Larger more established weeds may take up to 4 weeks for complete kill. Glyphosate works best in warm sunny weather with daytime temperatures above 60° F. For best results, apply when weeds are small. Reapply if it rains within 6 hours after application. If hard-to-control weeds are not killed within 4 weeks, reapply.

## WHERE TO USE

For General Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, and ornamental plantings and flower beds, around buildings, and in brick and gravel walkways. Use to trim and edge landscape areas. Do NOT use for spot weed control lawns because Glyphosate kills all green plants contacted, including lawn grass.

For Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert-landscapes, rock gardens, flower beds or similar plantings. Treated areas can be replanted; a day after treatment.

71995-14.Amend.doc

EPA Accepted 9/26/96 Notifications 8/21/98, 2/2/99 Amendment submitted 5/5/00

For Spot Spraying: Use on actively growing weeds in and around flower beds, ornamental trees, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways. Spray when air is calm. Make sure Glyphosate does not contact the leaves, green stems, or exposed roots of plants you don't want to kill. If necessary, use cardboard or plastic to shield plants. Glyphosate will not move in or on the soil to untreated plants. If Glyphosate is used to control weeds around fruit or nut trees or grapevines, allow 21 days before eating the fruit or nuts.

## For Lawn Renovation:

- Use Glyphosate to kill existing weeds and grasses including the old lawn.
- For best results, apply in Spring or Fall, when daytime temperatures are at least 60° F.
- Under dry conditions, water lawn every other day for a week before using Glyphosate.
- Do not mow for 7 days before or after treatment.
- After 7 days, prepare the soil for planting by raking or rototilling the lawn. Rake up and remove loosened thatch or debris.
- Mix in starter fertilizer and other amendments, if needed. Level the soil.
- Apply seed according to directions on seed package, or install sod. Grass seed must have a good contact with soil to germinate and grow.
- Keep area moist for 2 weeks, then water as needed.

For Brush Control: Use when brush is green and growing. If plants are taller than 5 feet, cut back and spray regrowth. Brush sprayed in the fall may not be fully controlled until the following season. Hard-to-control species such as Blackberry, Kudzu, or Poison Oak may require a second application.

#### **HOW TO USE**

IMPORTANT: Glyphosate is an all-purpose weed and grass killer that will kill almost all plants contacted. If necessary, use cardboard or plastic to shield desirable plants. If plants are accidentally sprayed, rinse off immediately with water. Spray when air is calm. Spray to evenly wet the weed.

To apply this product use

- Plastic, aluminum or stainless steel tank sprayer
- Hose-end sprayer, (such as ORTHO DIAL' n SPRAY ®)
- Hand-trigger sprayer

Do not use or store solutions of this product in galvanized steel or unlined steel sprayers, or apply through any type of irrigation system or with a sprinkling can.

Rinse sprayer and flush all sprayer components with water 3 times after use. Spray rinse water on bare soil or gravel. Do not apply to treated weeds. After very through cleaning, sprayer may be used to apply other products.

71995-14.Amend.doc

EPA Accepted 9/26/96 Notifications 8/21/98, 2/2/99 Amendment submitted 5/5/00

## **AMOUNT TO USE**

Use the following table to determine the amount of Glyphosate you need.

1 teaspoon (tsp); 1 Tablespoon (Tbs) = 3 tsp

1 fl oz = 2 Tbs; 2 fl oz = 4 Tbs

APPLICATOR	MIXING INSTRUCTIONS General Weed Control Annuals	MIXING INSTRUCTIONS Tough Weed Control Perennials, Brush, Lawn Renovation	AREA TO TREAT
Tank Sprayer	Use 3 1/2 oz (7 Tbs) Glyphosate in 1 gal of water	Use 6 1/2 oz (13 Tbs) Glyphosate in 1 gal of water	300 sq ft (30 ft x 10 ft)
ORTHO DIAL 'n SPRAY® Hose- End sprayer	Add 3 1/2 oz (7 Tbs) Glyphosate to sprayer jar. DO NOT ADD WATER. Set dial to 4 oz and spray.	Add 6 1/2 oz (13 Tbs) Glyphosate to sprayer jar. DO NOT ADD WATER. Set dial to 5 1/3 oz and spray.	300 sq ft (30 ft x 10 ft)
Hand trigger sprayers	Use 4 tsp in 24 oz of water	Use 2 Tbs and 1 tsp in 24 oz of water	Use for spot treatments or single weeds

#### RE-SEEDING AND REPLANTING IN SPRAYED AREAS

Ornamentals and Flowers - May be reseeded or replanted the next day.

**Vegetables -** To plant listed vegetables, wait 3 days after spraying, before seeding or transplanting. For tomato transplants or unlisted vegetables, wait 30 days after spraying before planting into treated soil.

beans beet greens broccoli Brussels sprouts cabbage cantaloupe carrot cauliflower casaba melon celery chard (Swiss) chicory collards corn Crenshaw melon cucumber eggplant endive garlic

honeydew melon honey ball melon horseradish Jerusalem artichoke kale kohlrabi leek lentils lettuce mango melon melons muskmelon mustard greens okra onion rape greens

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

peas

pepper

persian melon

\*Note: Tomatoes planted from seed only. Wait 30 days for rooted transplants.

parsley

parsnips

Small Fruits and Berries: The following listed crops may be planted (by seed, rooted cutting, or transplant) 7 days after spraying Glyphosate. For unlisted small fruits and berries, wait 30 days after spraying.

Blackberry, black raspberry, blueberry, boysenberry, currant, dewberry, elderberry, gooseberry, huckleberry, loganberry, olallieberry, red raspberry and strawberry.

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

#### STORAGE AND DISPOSAL

STORAGE: Store this product 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 Hazards to Humans & Domestic Animals

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

[Child/pet icon] People and pets may re-enter treated areas after sprayed vegetation has dried.

	FIRST AID	
If in eyes	<ul> <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 or doctor for treatment advice.</li> </ul>	
Emergency Medical Information		
center or do	roduct container or label with you when calling a poison control octor, or going for treatment. (Optional: You may contact [insert for emergency medical treatment information.	

### **Environmental Hazards**

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

Pull here to open label Peel open for use directions and further information Press here to reseal

**NOTICE:** BUYER ASSUMES ALL RESPONSIBILITY FOR SAFETY AND USE NOT IN ACCORDANCE WITH DIRECTIONS.

Satisfaction guaranteed or your money back with proof of purchase.

Questions, Comments or Medical Information - Call: [insert telephone #] [website address]

## © [date] MONSANTO COMPANY

Manufactured for
Monsanto Company
Lawn & Garden Products
P.O. Box 1750
Columbus, OH 43216
Form [insert #]
EPA Reg. No. 71995-14
EPA Est. 239-IA-3<sup>1</sup>, 58996-MO-1<sup>A</sup>
Superscript is first letter of lot number
Made in USA

71995-14.Amend.doc

EPA Accepted 9/26/96 Notifications 8/21/98, 2/2/99 Amendment submitted 5/5/00