

67760-53

2/26/2001

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ACCEPTED
FEB 26 2001
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 67760-53

Glyfos®
Concentrate 16.5% Weed & Grass Killer

[Optional proposed text appears in brackets – the final label may include some or all of the optional text]

- [New/Now with measuring cap and pour spout]
- [Measuring cap and pour spout included]
- [Easy Measure. Easy Pour]
- [Water-based] [formulation]
- [No odor] [No weed] [No root] [No problem]
- [Makes up to [10] [20] gallons of spray solution. *[varies with container size]*]
- [One gallon of spray covers 300 sq ft]
- [Kills weeds and grasses right down to the root/roots and all/ kills the root]
- [Multi-purpose grass & weed killer]
- [A general purpose weed & grass killer]
- [Kills unwanted vegetation right down to the root]
- [Apply using] [For application with] [Standard Tank Sprayer; BIG SHOT® Multi-purpose sprayer or other tank sprayer; ORTHO® Dial 'n SPRAY®; ORTHO® SPRAY-ETTE®; or other ORTHO hose-end sprayers] [or other optional spray equipment]
- [Use for site preparation for large plantings, such as flowerbeds, fruit trees, ornamentals, vegetables, garden sites and to renovate or replace lawns]
- [Kills/spray weeds you don't want] [Get rid of weeds] [in flowerbeds, mulch beds, in and around fences, trees, shrubs, driveways, walkways, patios, paths, curbs, sidewalks and walkways]
- [Use to refill **Glyfos Ready-to-Use** *[specific product number]* **Weed & Grass Killer**
- [Mix xx tablespoons (depending on container size) per gallon]

ACTIVE INGREDIENT :

Glyphosate, (N-(phosphonomethyl) glycine), in the form of its isopropylamine salt.....	16.5%
OTHER INGREDIENTS	83.5%
TOTAL	100%

(OR)

ACTIVE INGREDIENT :

Glyphosate.....	16.5%
OTHER INGREDIENTS	83.5%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN
CAUTION

READ PRECAUTIONS AND DIRECTIONS ON [BACK] [SIDE] [INSIDE] LABEL.

or

SEE {[BACK] [SIDE] [INSIDE] PANEL} [BOOKLET] FOR ADDITIONAL PRECAUTIONARY STATEMENTS

or

PEEL OPEN FOR USE DIRECTIONS AND FURTHER INFORMATION.

NET CONTENTS:

32 fl oz.(1 quart)(946 mL)
67.6 fl oz (1/2 gallon 3.6 fl oz)(2.0 L)

EPA Reg. No. 67760-

EPA Est. No

REFORMULATION OR REPACKAGING FOR SALE IS PROHIBITED

Manufactured for:
Cheminova, Inc.
Oak Hill Park
1700 Route 23
Wayne, New Jersey 07470

[Product of Denmark] [Product of USA]

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Keep children and pets away from treated areas until spray has dried. Avoid contamination of food. Do not contaminate water supplies.

FIRST AID

- IF ON SKIN:**
 - Take off contaminated clothing. Rinse skin with plenty of water for 15–20 Minutes.
 - Call a poison control center or doctor for treatment advice.
- IF IN EYES:**
 - Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.
 - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
 - Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

You may also call 1-800-228-5635, ext. 153, [or other designated medical emergency toll free number] for emergency medical treatment information.

ENVIRONMENTAL HAZARDS

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

[CONSUMER INFORMATION

[**Glyfos Concentrate 16.5% Weed and Grass Killer** eliminates nearly all common weeds and grasses.] [Illustrations]

This product can be used in driveways, brick and gravel walkways, curbs, along fences and foundations, near trees and shrubs, in flower beds, mulch beds, vegetable gardens, gravel, and other similar areas of the yard to get rid of undesirable vegetation.] [Edging around lawns] [For lawn replacement/renovation] [For garden plot preparation] [Do not use on or around edible feed or food crops.]

[**Important:** This product is a non-selective herbicide that will kill all vegetation contacted. This herbicide kills unwanted plants by inhibiting the production of a substance found only in plants. It enters plants through the sprayed foliage and moves down to the roots. Avoid direct spray or drift onto desirable plants, lawn grasses, shrubs and trees. Protect desirable plants and vegetation with a piece of plastic or cardboard. If desirable plants are accidentally sprayed, wash plants with water immediately. Any **Glyfos** not absorbed by the plant is broken down into natural materials. This product has no soil activity and thus will not affect nearby untreated plants.

Do not mow, cut or otherwise disturb treated vegetation for at least 7 days following application.

[[For product information and a complete list of weeds controlled] [For more information] [For questions or comments], call toll-free 1-800-xxx-yyyy or visit www.xxxxx.xxx.]

WEEDS AND GRASSES CONTROLLED

[Annual weeds and grasses:

Annual ryegrass, annual bluegrass, barnyardgrass, beggarweed, black medic, blue medic, blue toadflax, brassbuttons, blue mustard, bromegrass, bur clover, buttercup, cheeseweed, chickweed, clover, common groundsel, common lambsquarters, common plantain, common ragweed, crabgrass, creeping beggarweed, diffuse lovegrass, dog fennel, evening primrose, false dandelion, fall panicum, fennel, fiddleneck, field pennycress, field sandbur, filaree, Florida pusley, foxtail, garden spurge, goosegrass, green foxtail, hemp sesbania, henbit, horseweed/marestail, ironweed, knotweed, lambsquarters, little bitter cress, London rocket, maiden cane, mallow, mayweed, mouseear chickweed*, oxalis*, Pennsylvania smartweed, pennywort, pigweed, prickly lettuce, prostrate spurge, puncture vine, purslane, redroot pigweed, sandspur, shepherdspurge, smartweed, smooth cat's ear, smooth pigweed, sowthistle, spotted spurge, sprangletop, spurges, tansy mustard, tansy ragwort, teaweed, Texas panicum, tumble mustard, velvetleaf, wild geranium*, witchgrass, wild mustard, yellow nutgrass, yellow oxalis [and many other annual grasses and weeds] [controls many unwanted plants] [kills most types of weeds and grasses].

[Perennial weeds, grasses and brush:

Alder, artichoke thistle, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, blackberries,

bluegrass, broadleaf plantain, brownseed paspalum, buckhorn plantain, bull thistle, Canada thistle, cattail, ceanothus, centipedegrass, cherry, cocklebur, cogongrass, common mullein, common ragweed, coralbead, coyote brush, creeping bentgrass, creeping Charlie, creeping lantana, curly dock, dallisgrass, dandelion, dewberry, dog fennel, elderberry, false dandelion, fescue species, field bindweed, guineagrass, hairy crabgrass, honeysuckle, horsenettle, horseradish, iceplant, Johnsongrass, Kentucky bluegrass, kikuyugrass, knapweed, knawel, kudzu, lantana, maiden cane, milkweed, mouseear chickweed*, multflora rose, nimblewill, nutgrass (nutsedge), oak species, oldenlandia, orchardgrass, oxalis*, pampasgrass, pennywort, perennial ryegrass, plantain, poison oak, poison ivy, poison hemlock, primrose, purple cudweed*, purple nutsedge, quackgrass, quaking aspen, ragweed, raspberry, red clover, smooth bromegrass, sourdock, sowthistle, St. Augustinegrass, sumac, tall fescue, tansy ragwort, thistle, Timothy, torpedograss, trumpetcreeper, vaseygrass, Virginia creeper, white clover, whitetop, wild barley, wild blackberry, wild carrot, wild morning-glory, wild oats, wild sweet potato, willow, yarrow, yellow nutgrass, yellow starthistle, zoysia [and many other perennial grasses, weeds, brush and sedges] [controls many unwanted plants] [kills many types of weeds and grasses].

*Annual or Perennial

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read the entire panel before using this product. Use only according to label instructions.

Note: See the **CONSUMER INFORMATION** section of this label for important information on protecting plants you like.

[When to use] [For best results]:

Apply to actively growing weeds, preferably before the seed heads form. Best to apply on a warm sunny day when daytime temperatures are above 60° F and. Weed control is accelerated by warm sunny weather. Apply when the wind is calm. Reapply if it rains within 24 hours of application. Hard-to-control weeds may require a second application if not completely dead in 4 weeks.

[How to use] [How to apply] [Application instructions]:

This product is formulated for "spot" treatment of individual weeds and grasses or for treatment of large areas as instructed on this label (see specific site areas below). Apply with a plastic, aluminum or stainless steel tank-type sprayer. **Do not apply or store in galvanized or unlined steel sprayer, or through any irrigation system or sprinkling can.** Use a tank-type sprayer with a coarse spray nozzle for spot treatments. Use the ORTHO Dial 'n Spray or other hose-end sprayer to treat large areas such as for lawn renovation or to prepare sites for planting flower beds or vegetable gardens.

To apply this product use any of the following equipment:

- Plastic, aluminum or stainless steel tank sprayer
- ORTHO Dial' n Spray®
- ORTHO Spray-Ette®
- A hose-end sprayer recommended for weed killers
- Hand-trigger pump sprayer

One gallon treats over 300 sq. ft.

Treated weeds begin to wilt in about 3 days with complete kill of the weed including the root in 2 to 4 weeks. **Glyphos** does not move or build up in the soil to effect untreated plants growing nearby. Ornamental plantings can be made 3 days after treatment. Vegetable gardens can be seeded or planted 3 days after treatment. Lawns may be replanted 1 week after spraying. Determine the correct amount of **Glyphos** and water to add to sprayer from the directions below.

[Directions if container has a measuring cap:]

Measuring Cap: To open, squeeze the sides at the points indicated while unscrewing. There are [four] or [n] levels marked inside the measuring cap. Use the following table and the measuring cap to determine the amount of **Glyphos** to mix. Close cap tightly after use. No need to rinse cap.

Level 1 = 1 teaspoon (tsp)

Level 2 = 1 tablespoon (Tbs) = 3 tsp

Level 3 = 1 fl oz (2 tbs)

Level 4 = 2 fl oz (4 Tbs)

Level n = n fl oz

[Note to reviewer: The measuring cap may have more than 4 levels or at different intervals than noted above. If necessary, additional levels will be mentioned with appropriate conversions]

APPLICATOR	MIXING INSTRUCTIONS		AREA TO TREAT
	General Weed Control Annuals	Tough Weed Control Perennials or Brush or Lawn Renovation	
Standard Tank Sprayer	Fill cap to Level 3 three times and Level two one time (7 Tbs) <i>[or equivalent depending on cap size]</i> . Add to 1 gallon of water.	Fill cap to Level 4 three times and Level 2 one time (13 Tbs) <i>[or equivalent depending on cap size]</i> . Add to 1 gallon of water.	300 sq ft (30 ft x 10 ft)
ORTHO Dial 'n Spray hose-end sprayer	Fill cap to Level 3 three times and Level 2 one time (7 Tbs) <i>[or equivalent depending on cap size]</i> and add to sprayer jar. DO NOT ADD WATER. Set dial to 4 oz. and spray.	Fill cap to Level 4 three times and Level 2 one time (13 Tbs) <i>[or equivalent depending on cap size]</i> and add to sprayer jar. DO NOT ADD WATER. Set dial to 8 oz. and spray.	300 sq ft (30 ft x 10 ft)
ORTHO Spray-Ette	Fill cap to Level 4 seven times (14 oz) <i>[or equivalent depending on cap size]</i> and add to sprayer jar. Fill to the 4 gallon mark with water and spray.	Not recommended for ORTHO Spray-Ette.	1200 sq ft (30 ft x 40 ft)
Hand trigger sprayers 24 oz	Fill cap to Level 1 four times (4 tsp) <i>[or equivalent depending on cap size]</i> . Add to 24 oz of water.	Fill cap to Level 2 two times and Level 1 one time (7 tsp) <i>[or equivalent depending on cap size]</i> .	Use for spot treatments or application to single weeds.

	Add to 24 oz of water.	
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[Directions for use when measuring cap packaging is not used]

Use the following table to determine the amount of **Glyfos** to mix with water. Close cap tightly after use. No need to rinse cap.

1 teaspoon (tsp)

1 tablespoon (Tbs) = 3 tsp

1 fl oz (2 tbs)

2 fl oz (4 tbs)

APPLICATOR	MIXING INSTRUCTIONS		AREA TO TREAT
	General Weed Control Annuals	Tough Weed Control Perennials or Brush or Lawn Renovation	
Tank Sprayer	Use 3 ½ oz (7 Tbs) Glyfos in 1 gallon of water	Use 6 ½ oz (13 Tbs) Glyfos in 1 gallon of water.	300 sq ft (30 ft x 10 ft)
ORTHO Dial 'n Spray Hose-End sprayer	Add 3 ½ oz (7 Tbs.) Glyfos to sprayer jar. DO NOT ADD WATER. Set dial to 4 oz and spray.	Add 6 ½ oz (13 Tbs) Glyfos to sprayer jar. DO NOT ADD WATER. Set dial to 5 1/3 oz and spray.	300 sq ft (30 ft x 10 ft)
ORTHO Spray- Ette	Add 14 oz Glyfos to sprayer jar. Fill to the 4 gallon mark and spray.	Not recommended for ORTHO Spray-Ette.	1200 sq ft (30 ft x 40 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 apply to single weeds

This product can also be used to refill **Glyfos Ready-To-Use [specific product name] Weed & Grass Killer**, following mixing directions on the label. Use the mixed solution within 2 weeks.

[Where To Use] [Use Sites] [Use Situations]

General weed control: Use near fences, in paths, patios, sidewalks, curbs and driveways, around ornamental trees, shrubs, flower beds and plantings, around buildings. Controls weeds in brick and gravel walks. Use for trimming and edging landscapes. NOT recommended for spot weed treatment in lawns, since **Glyfos** kills all green plants, including lawn grasses. If replacing a lawn or parts of a lawn, see **Lawn Renovation [Replacement]** recommendations on this label.

Spot Treatments: Spray directly on actively growing weeds in and around flower beds, ornamental trees, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways. Do not spray fruit and nut trees or grapevines directly. Make sure **Glyfos** 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. **Glyfos** will not move in or on the soil to untreated plants. If **Glyfos** is used to control weeds around fruit or nut trees or grapevines, allow 21 days before eating the fruit or nuts.

Landscapes: For use in preparing areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flower beds or similar plantings.

For lawn renovation/replacement: Use this product to kill existing vegetation (weeds and grasses and the old lawn) before re-seeding or putting down sod.

Apply in Spring or Fall, when daytime temperatures are at least 60° F for best results.

If the lawn is dry, water lawn every other day for 7 days before applying Glyfos and for 2 to 3 days after application.

Do not mow for 7 days before or after treatment.

Wait 7 days after application to prepare the soil by raking, leveling or rototilling.

Rake up and remove loosened thatch or debris.

Work in starter fertilizer and amendments, if needed.

Sow new seed according to directions on seed package, or install sod. Grass seed must have good contact with soil to germinate and grow. Use a temporary mulch such as straw to conserve moisture.

Keep area moist to establish new lawn. Water as needed.

To control brush: Apply to green and actively growing brush. For plants taller than 5 feet, cut them back and spray the regrowth. Brush sprayed in the fall may not be fully controlled until the following season. A second application may be required on hard-to-control species such as blackberry, kudzu, or poison oak.

Cleaning application equipment after use:

Triple rinse sprayer and all sprayer parts with water. Spray rinse water on bare soil or gravel. After thorough cleaning, sprayer can be used for other products.

RE-SEEDING AND REPLANTING IN SPRAYED AREAS

Ornamentals and flowers: Wait 1 day before re-seeding or replanting.

Vegetables: Wait 3 days after spraying, before seeding or transplanting the plants listed below. For tomato transplants or vegetables not listed below, wait 30 days after spraying before planting into treated soil.

Beans	Crenshaw melon	Mango melon	radish
beet greens	cucumber	melons	rhubarb
broccoli	eggplant	muskmelon	rutabaga
Brussels sprouts	endive	mustard greens	spinach
cabbage	garlic	okra	summer squash
cantaloupe	honeydew melon	onion	sweet potato
carrot	honey ball melon	rape greens	tomatillo
cauliflower	horseradish	parsley	tomato*
casaba melon	Jerusalem artichoke	parsnips	turnip
celery	Kale	peas	watercress
chard (Swiss)	kohlrabi	pepper	watermelon

chicory collards corn	leeks lentils lettuce	Persian melon potato pumpkin	winter squash yams
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*Note: Do not spray vegetables directly. Wait 3 days before planting tomatoes from seed only. Wait 30 days for rooted tomato transplants.

Small fruits and berries: The following listed crops may be planted (by seed, rooted cutting, or transplant) **7 days** after spraying **Glyfos**: blackberry, black raspberry, blueberry, boysenberry, currant, dewberry, elderberry, gooseberry, huckleberry, loganberry, olallieberry, red raspberry and strawberry.

For unlisted small fruit and berries, wait **30 days** after spraying.

Do not spray small fruits and berries directly.

Fruit and Nut Trees or Grapevines: If **Glyfos** is used to control weeds around fruit or nut tree or grapevine, allow 21 days before eating the fruits or nuts.

Do not spray fruit and nut trees or grapevines directly.

STORAGE AND DISPOSAL

Storage: Use and store this product only in its original container. Store product in a secure storage area away from sources of heat or open flame. Protect product from freezing.

Disposal: Do not reuse container. To dispose of unused product and container, securely wrap original 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.

DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on field uses and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Desirable plant injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Cheminova. All such risks shall be assumed by the user.

Cheminova warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the Directions for Use set forth in the label, subject to the risks referred to above.

Any damage arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values or any other special or indirect damages.

Cheminova makes no other express or implied warranty including any other express or implied warranty of FITNESS or MERCHANTABILITY.

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