



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 4, 2016

Nicole O'Loughlin  
Agent for Texcan Investments & Marketing Company  
c/o Pyxis Regulatory Consulting Inc.  
4110 136<sup>th</sup> St. Ct. NW  
Gig Harbor, WA 98332

Subject: Notification per PRN 98-10 – Updating container disposal and net contents for  
larger sizes  
Product Name: GLYPHOSATE 41% SUPER CONCENTRATE HERBICIDE  
EPA Registration Number: 86068-3  
Application Date: 7/15/2016  
Decision Number: 519633

Dear Ms. O'Loughlin:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you have any questions, you may contact Sarah Meadows at 703-347-0505 or via email at [meadows.sarah@epa.gov](mailto:meadows.sarah@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Reuben Baris". To the right of the signature, the letters "FOR" are written in a small, blocky font.

Reuben Baris, Product Manager 25  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

# Glyphosate 41% Super Concentrate Herbicide

*[Editorial Notes: Bracketed text [This for internal use or serves as a 'place holder' for graphics. Text in parenthesis ( ) is optional wording.]*  
*[Refer to APPENDIX I for consolidated list of label claims.]*

Glyphosate 41% Super Concentrate Herbicide [insert distributor brand name]

Alternate Brand Name: [insert name] Super Concentrate Weed & Grass Killer

KEEP OUT OF REACH OF CHILDREN

## WARNING

Active Ingredient	
Glyphosate, isopropylamine salt	41.0%
Other Ingredients	59.0%

## NOTIFICATION

86068-3

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

8/4/2016

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear safety glasses. Harmful if inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

*[OPTIONAL REENTRY ICON]* People and pets may enter treated areas after spray has dried.

FIRST AID	
If in eyes	<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</li></ul>

	advice.
If inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.</li> <li>• Call a poison control center 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 [insert brand name], EPA Reg. No. [insert reg. No.] [insert company no. if distributor product]</li> </ul>	

### ENVIRONMENTAL HAZARDS

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

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

NET CONTENTS [16, 24, 32, 64, 128] FL OZ ( )  
(NET CONTENTS [55, 250] GALLONS)

PULL HERE TO OPEN LABEL  
PEEL HERE (PRESS TO RESEAL)  
Open Resealable Label for Directions & Precautions

**[insert brand name]**

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

Questions, Comments Call [insert telephone number] and [insert website].

**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 INSTRUCTIONS.**

### WHEN TO USE

Use anytime weeds are actively growing. Most treated weeds usually show initial symptoms within 1 week (in 2-4 days) and complete kill in 1 to 2 weeks. Larger more established weeds may take up to 4 weeks for complete kill. For best results, apply on a warm sunny day when daytime temperature is above 60° F and no rainfall is forecast for 24 hours. Warm, sunny weather will speed up weed control. Apply only when air is calm. Reapply if it rains within 6 hours (2 hours) after application. (Rainfall or watering 6 (2) hours after application will not wash away effectiveness.) Hard-to- control weeds (such as bermudagrass) may require a repeat application if they regrow. NOT recommended for spot weed control in lawns since [insert brand name] kills all green plants, including lawn grass.

#### [Optional Product Usage]

Kills:	Weeds and grasses
Use On:	Patios, walkways or driveways
	Around fruits, vegetables, flowers, shrubs or trees
	Along fences
In Large Areas	For lawn replacement
	For garden replacement

### WHERE TO USE

**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 in lawns since [insert brand name] kills all green plants, including lawn grass.

**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 [insert brand name] 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. [insert brand name] will not move in or on the soil to untreated plants. If [insert brand name] is used to control weeds around fruit or nut trees or grapevines, allow 21 days before eating the fruit or nuts.

**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 1 day after treatment.

### Lawn Renovation:

- Use [Insert Brand Name] 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 this product.
- 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 to establish new lawn, then water as needed.

**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.

**Stump Treatment:** Stumps can be treated to prevent regrowth. For best results, treat when the vegetation is actively growing and within 5 minutes of being cut down.

- Cut the stump close to the soil surface
- Drive 4-5 nail holes into the stump
- Flood the stump with undiluted product

This treatment will control or suppress many types of woody brush and trees, such as alder, bluegum, eucalyptus, madrone, oak, giant reed, saltcedar, sweetgum, and tan oak.

#### **To Kill Vines:**

- If vine is growing up a pole, fences, or mature tree trunk, cut vine to a height of 3 to 4 feet and spray to thoroughly cover remaining vine.
- If vine is climbing a shrub or immature (green) tree trunk, cut vines at base and spray its regrowth. Shield shrubs and green bark from spray drift with a sheet (piece) of cardboard or plastic.

## **HOW TO USE**

**IMPORTANT:** [insert brand name] is an all-purpose weed and grass killer which 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
- ORTHO DIAL'n SPRAY®
- ORTHO SPRAY-ETTE®
- Other hose-end sprayer recommended for weed killers
- 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. After very thorough cleaning, sprayer may be used to apply other

products.

Use the following table to determine the amount of [insert brand name] you need. Close cap tightly after use.

APPLICATOR	MIXING INSTRUCTIONS		AREA TO TREAT
	General Weed Control Annuals	Tough Weed Control Perennials or Brush Lawn Renovation	
Tank Sprayer	Use 1½ oz (3 Tbs) [insert brand name] in 1 gal of water	Use 2½ oz (5 Tbs) [insert brand name] in 1 gal of water	300 sq ft (30 ft x 10 ft)
ORTHO DIAL'n SPRAY Hose-End Sprayer	Add 1½ oz (3 Tbs) [insert brand name] to sprayer jar. DO NOT ADD WATER. Set dial to 1½ oz and spray	Add 2½ oz (5 Tbs) [insert brand name] to sprayer jar. DO NOT ADD WATER. Set dial to 2½ oz and spray	300 sq ft (30 ft x 10 ft)
ORTHO SPRAY-ETTE	Add 6 oz [insert brand name] to sprayer jar. Fill to the 4 gal mark and spray	Add 10 oz [insert brand name] to sprayer jar. Fill to the 4 gal mark and spray	1200 sq ft (30 ft x 40 ft)
Hand-trigger Sprayers	Use 2 tsp in 24 oz of water	Use 1 Tbs in 24 oz of water	Use for spot treatments or single weeds.

1 teaspoon = (tsp)

0.5 fl oz = 1 Tablespoon (TBS) = 3 tsp

1 fl oz = 2 Tbs

For best results use mixture within 2 weeks.

*[Alternate mixing instructions for measuring cap containers]*

**Measuring Cap:** To open, squeeze cap sides at the points indicated while unscrewing. The measuring cap has four levels indicated inside. The following table and the measuring cap should be used to determine the amount of [insert brand name] you need. Close cap tightly after use. No need to rinse.

APPLICATOR	MIXING INSTRUCTIONS		AREA TO TREAT
	General Weed Control Annuals	Tough Weed Control Perennials or Brush Lawn Renovation	
Tank Sprayer	Fill cap to Level 2 three times (3 Tbs). Add to 1 gallon of water	Fill cap to Level 2 five times (5 Tbs). Add to 1 gallon of water	300 sq ft (30 ft x 10ft)
ORTHO DIAL'n	Fill cap to Level 2 three	Fill cap to Level 2 five times	300 sq ft

SPRAY® Hose-End Sprayer	times (3 Tbs) and add to sprayer jar. DO NOT ADD WATER. Set dial to 1½ oz and spray	(5 Tbs) and add to sprayer jar. DO NOT ADD WATER. Set dial to 2½ oz and spray.	(30 ft x 10 ft)
ORTHO SPRAY-ETTE®	Fill cap to Level 4 three times (6 oz) and add to sprayer jar. Fill to the 4 gallon mark and spray.	Fill cap to Level 4 five times (10 oz) and add to sprayer jar. Fill to the 4 gallon mark and spray.	1200 sq ft (30 ft x 40 ft)
Hand trigger sprayers	Fill cap to Level 1 two times (2 tsp). Add to 24 oz of water.	Fill cap to Level 2 one time (1 Tbs). Add to 24 oz of water.	Use for spot treatments or single weeds.

1 = 1 teaspoon (tsp)

2 = 1 Tablespoon (Tbs) = 3 tsp

3 = 1 fl oz (2 Tbs)

4 = 2 fl oz (4 Tbs)

**WEEDS CONTROLLED INCLUDE:** Bahiagrass, Barnyardgrass, Bermudagrass, CanadaThistle, Chickweed, Common Ragweed, Crabgrasses, Dandelion, Fescues, Field Bindweed, Field Sandbur, Foxtail, Johnsongrass, Kentucky Bluegrass, Kudzu, Lambsquarter, Orchardgrass, Perennial Ryegrass, Poison Ivy, Poison Oak, Quackgrass, Red Clover, Shepardspurse, Smooth Bromegrass, Sowthistle, White Clover, and Yellow Nutsedge

*[OR alternate text]*

**CONTROLS WEEDS AND GRASSES INCLUDING:**

General Weed Control (Annuals)

Annual Bluegrass	Creeping Beggarweed	Horseweed/marestail	Sandspur
Annual Ryegrass	Diffuse Lovegrass	Knotweed	Shepherdspurse
Barnyardgrass	Dog Fennel	Lambsquarters	Smooth Cat's Ear
Beggarweed	Evening Primrose	Little Bitter Cress	Smooth Pigweed
Black Medic	Fall Panicum	London Rocket	Sowthistle
Blue Mustard	Fiddleneck	Maiden Cane	Spoiled Spurge
Blue Toadflax	Field Pennycress	Mallow	Sprangletop
Brassbuttons	Field Sandbur	Mayweed	Tansy Mustard
Bromegrass	Filaree	Mouseear Chickweed	Tansy Ragwort
Bur Clover	Florida Pusley	Pennsylvania Smartweed	Teaweed

Buttercup	Foxtail	Prickly Lettuce	Texas Panicum
Chickweed	Garden Spurge	Prostrate Spurge	Tumble Mustard
Common Groundsel	Goosegrass	Puncture Vine	Witchgrass
Common Plantain	Henbit	Redroot Pigweed	Wild Mustard
Crabgrass			

Tough Weed Control (Perennials, Brush)

Alder	Dallisgrass	Nimblewill	Smooth Bromegrass
Artichoke Thistle	Dewberry	Nutsedge	Smooth Bentgrass
Bahiagrass	Elderberry	Oak species	St. Augustinegrass
Bentgrass	False Dandelion	Oldenlandia	Sumac
Bermudagrass	Fescue species	Orchardgrass	Tall Fescue
Blackberries	Field Bindweed (Wild Morning-glory)	Oxalis	Timothy
Broadleaf Plantain	Guineagrass	Pampasgrass	Torpedograss
Canada Thistle	Honeysuckle	Pennywort	Trumpetcreeper
Cattail	Horsenettle	Perennial Ryegrass	Vaseygrass
Ceanothus	Horseradish	Poison Hemlock	Virginia Creeper
Cherry species	Iceplant	Poison Oak	White Clover
Cocklebur	Johnsongrass	Poison Ivy	Whitetop
Cogongrass	Kentucky Bluegrass	Primrose	Wild Barley
Common Mullein	Kikuyugrass	Purple Nutsedge	Wild Oats
Common Ragweed	Knapweed	Quackgrass	Wild Sweet Potato
Coyote Brush	Kudzu	Quaking Aspen	Willow
Creeping Bentgrass	Lantana	Ragweed	Yellow Nutgrass
Creeping Charlie	Milkweed	Raspberry	Yellow Starthistle
Curly dock	Multiflora Rose	Red Clover	Zoysia
Dandelion	Nightshade silverleaf		

[optional phone icon] For information regarding specific weeds controlled by this product Call [insert number].

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

**WHEN TO REPLANT**



- All ornamental flowers, trees and (&) shrubs may be planted **1 day** after application.
- The following berries may be planted **1 day** after application:  
Blackberry, Blueberry, Boysenberry, Cranberry, Currant, Dewberry, Elderberry, Gooseberry, Huckleberry, Loganberry, Olallieberry and (&) Raspberry (Black and (&) Red).
- The following fruits, vegetables &(and) herbs may be planted **1 day** after application:  
Artichoke (Jerusalem), Beans (all), Beet Greens, Broccoli, Brussel Sprouts, Cabbage (all), Carrot, Cauliflower, Celery, Chard (Swiss), Chicory, Collards, Endive, Horseradish, Kale, Kohlrabi, Leek, Lentils, Lettuce, Mustard Greens, Okra, Onion, Rape Greens, Parsley, Parsnips, 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.
- Lawn grasses may be planted **7 days** after application.
- Tomatoes from transplant & (and) unlisted fruits, vegetables & (and) herbs may be planted **30 days** after application.

This product can be used to refill [insert brand name for ready-to-use product].

**(Storage and Disposal for Residential Uses in 16, 24, 32, 64, 128 fl. oz. containers)**

**STORAGE AND DISPOSAL**

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

**PESTICIDE DISPOSAL:** Nonrefillable container. Do not reuse or refill this container.

**If empty:** Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**(Storage and Disposal for Bulk Shipment in 55, 250 gallon containers)**

**STORAGE AND DISPOSAL**

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**PESTICIDE STORAGE:** Keep container closed to prevent spills and contamination.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state, or local procedures.

**CONTAINER HANDLING:** Emptied container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned, or destroyed.

**[NON REFILLABLE CONTAINERS GREATER THAN 5 GALLONS]**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of

in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**[REFILLABLE CONTAINERS]**

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY AND DISCLAIMER NOTICE:** To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions. (Product guaranteed to the extent of purchase price, only when used according to label directions.)

[Manufactured (Distributed) for: ]  
*[name and address]*

[Manufactured By:]  
*[name and address]*

EPA Reg. No. 86068-3  
EPA Est. XXXXX-XX-XXX  
Made in USA

EPA ~~20100810~~20160715

## **APPENDIX 1 Consolidated List of Label Claims**

- A single application kills most weeds
- Built-in Measuring Cap
- Can be used over the root zone of trees, shrubs, or desirable plants
- Can reseed or sod lawns 7 days after treatment
- Completely kills even the toughest weeds and grasses
- Concentrated for extra value
- Controls existing weeds, is not preemergent
- Covers up to 300 sq ft per gallon of spray, 75 sq ft per quart, 55 sq ft per 24 oz
- Dead weeds guaranteed
- Does not have soil activity
- Economical –mix 12 tablespoons (6 oz) per gallon
- Effects within one week (initial symptoms in 2-4 days) with complete kill in 2 to 4 weeks (1 to 2 weeks)
- Eliminates roots and weeds (guaranteed)
- For general weed control –Kills Weeds and Grasses in 2 to 4 weeks –Roots & All
- (Formula) Enters the plant within 6 (or 2) hours (won't wash off)
- Guaranteed results in one application
- Ideal for tough weeds in flower beds and vegetable gardens
- Kills the root (so weeds won't grow back)
- Kills over 175 types of weeds (as listed)
- Kills grass and weeds around flower beds, trees, shrubs, and sidewalks
- Kills to the root
- Kills tough and hard-to-kill weeds?
- Kills/spray weeds in flower beds and around fences, trees, driveways, walkways, and shrubs, in and around fences, patios, paths, sidewalk cracks, walkways
- Kills tough weeds in 1 to 2 weeks (roots and all)
- Kills unwanted weeds and grasses, (roots and all)
- Kills weeds and grasses (down to the root)
- Kills weeds roots and all
- Mix with water to make up to 5/21 gallons of spray solution (varies with qt/gal container size)
- Multipurpose grass & broadleaf weed control
- New (formula)
- NEW LARGER SIZE Covers XX sq. ft.
- NEW MEASURING CAP AND POUR SPOUT INCLUDED
- New, improved formula
- No odor
- No root, no weed, guaranteed
- No root. No weed. No problem.
- Now easier to measure and pour
- Ornamental gardens can be reseeded or planted 1 day after treatment
- Rainproof in 6 (or 2) hours
- Rainfast (rainproof) in hours
- Rainfall or watering within 6 (or 2) hours after application will not wash away

effectiveness

- Rainfall within 6 (or 2) hours could affect performance
- Rainfast (rainproof) in hours
- Rainproof in 6 (2) hours
- Satisfaction guaranteed or your money back with proof of purchase
- Single application controls (kills) most weeds
- Spray woody brush, trees, and vines around houses, buildings, wooded lots, vacant lots, storage and recreational areas and along fences and driveways, or anywhere tough weeds are growing.
- Sprayed areas can be reseeded or replanted 1 day after application in a flower bed
- Starts working in 24 hours
- Use in or around vegetable gardens (flower beds, trees, shrubs)
- Use in/apply with a BIG SHOPTM Multi-purpose sprayer or other tank sprayer, ORTHO® DIAL N' SPRAY®, ORTHO SPRAY-ETTE® or other ORTHO hose- end sprayers
- 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 refill Roundup Ready-To-Use
- Used by American Zoo and Aquarium Association Member Zoos to effectively control weeds
- Uses for Stump Treatment
- Visible results in 7 days
- Water-based formula
- Yellowing and wilting in (about) 24 hours