



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 26, 2018

Carolyn Miter  
Registrations Specialist  
Albaugh, LLC  
P.O. Box 2127  
Valdosta, GA 31604

Subject: Notification per PRN 98-10 – Adding Optional Marketing Language  
Product Name: Glyphosate + Diquat  
EPA Registration Number: 42750-269  
Application Date: May 8, 2018  
Decision Number: 542233

Dear Ms. Miter:

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, please contact Emily Schmid at 703-347-0189 or by email at [schmid.emily@epa.gov](mailto:schmid.emily@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Emily Schmid" followed by a stylized flourish.

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

# GLYPHOSATE + DIQUAT

## ACTIVE INGREDIENT:

*Glyphosate, isopropylamine salt . . . . .	18.00%
Diquat dibromide. . . . .	0.73%
OTHER INGREDIENTS: . . . . .	81.27%
TOTAL: . . . . .	100.00%

\*Contains 1.19 lbs glyphosate acid per US gallon.

KEEP OUT OF REACH OF CHILDREN

## CAUTION

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
HOT LINE NUMBER: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT, CALL CHEMTREC® TOLL FREE AT 1-800-424-9300.	

EPA Reg. No. 42750-269

EPA Est. No. xxxxxx-xx-xxx

NET CONTENTS: \_\_\_\_\_ fl oz (\_\_\_\_\_ mL)

*Makes up to 'X' gallons*

*Makes between 'X - Y' gallons ( $X = \text{net content}/3$ ) ( $Y = \text{net contents}/6$ )*

*Mix with water to make 'X' gallons of spray solution*

*Treats (covers) up to 'X' sq. ft area*

MANUFACTURED BY:

Albaugh, LLC.

Ankeny, IA 50021

## NOTIFICATION

42750-269

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:

6/26/2018

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

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

#### ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This product is toxic to aquatic invertebrates. Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

#### DIRECTIONS FOR USE

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

Do Not Mix Or Allow Contact With An Oxidizing Agent. A Hazardous Chemical Reaction May Occur

#### USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### WHERE TO USE

On patios, walkways, driveways, gravel or mulch beds

Around flowers (flower beds), shrubs or trees

On driveways & walkways

Along fences

In large areas – For lawn replacement, for garden plot preparation\*

**\*IMPORTANT:** While GLYPHOSATE + DIQUAT may be used to prepare a vegetable garden for planting, DO NOT USE for spot weed treatment after planting (any) fruits or vegetables.

#### AMOUNT TO USE

For best results:

- Add 3-6 fl. oz. (12 TBS) per gallon of water (use the higher rate for larger weeds)
- Apply on warm days in bright sunlight
- For easy to kill weeds such as (small) seedlings, add 3 fl. oz. (6 TBS) (per gallon) (to 1 gallon) of water

## MIXING INSTRUCTIONS

### Tank (Pump-Up) Sprayer:

Use a plastic, fiberglass, plastic-lined steel or stainless steel sprayer. Do not mix, store or apply in (with) a galvanized or unlined steel sprayer (container).

For tough established weeds and for best results, add (measure) 6 fl oz (12 Tbs) to (per) (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® with the dial set to 4 - 6 fl. oz.

To sprayer jar add 4 - 6 fl oz (8 - 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.

## HOW TO CLEAN SPRAYER

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.

## HOW IT WORKS

GLYPHOSATE + DIQUAT is absorbed by the weed's leaves. It moves through the weed to the root, stopping the function of an essential enzyme found in plants (but not humans or animals). Weeds die, roots and all - so weeds don't grow back. Kills only what you spray. Any product not absorbed by the plant will be deactivated after it hits the soil. (Weeds usually yellow and wilt within hours with complete kill in 1 to 2 weeks.)

*[ALTERNATE TEXT] GLYPHOSATE + DIQUAT enters plants through foliage and moves systemically to the roots, killing weeds by stopping the function of a substance found in plants (but not humans or animals). Any GLYPHOSATE + DIQUAT 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.*

## HOW TO SPRAY

- 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 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 will die. Not recommended for spot weed control in lawns since GLYPHOSATE + DIQUAT kills lawn grasses.

## WHEN TO APPLY

Apply when weeds are actively growing. (Use anytime weeds and grasses are actively growing.)

For best (fastest visual) 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.

RAINPROOF Protection: Rain or watering 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.*

## 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.
- Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or apply through any irrigation system.
- DO NOT USE for spot weed treatment after planting (any) fruits or vegetables.
- People and pets must not enter treated areas until spray has dried.

## 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.

## ADDITIONAL USES

### 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 tree trunks 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 a shared roots system. Injury may occur to non-treated trees when one or more trees sharing common roots are treated.

### To Kill Kudzu

- For best results, apply in mid to late summer when vines are mature and actively growing.

#### To Kill Wild Blackberry

- Spray anytime plants are actively growing.
- Dead canes should be cut down and removed.
- Reapplication is often required to kill deep roots.

#### To Kill 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.

#### For Lawn Replacement

Use GLYPHOSATE + DIQUAT 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.
- 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 (at least) 3 days after last application to rake, till or replant with seed or sod.
- *[Alternate text] Wait (at least) 3 days for weeds and lawn to die. Repeat if necessary. Rake or till to prepare area for planting seed or sod.*

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

- Use GLYPHOSATE + DIQUAT 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.
- 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)

*[Optional Weed List] KILLS ALL TYPES OF WEEDS & GRASSES*

*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, shepherdspurse, 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

Do not contaminate water, food or feed by storage and disposal.

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

PESTICIDE DISPOSAL: Waste resulting from use of this product may be disposed of on site or at an approved waste facility.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

NOTICE - To the extent consistent with applicable law, Buyer assumes all responsibility for safety and use not in accordance with directions.

## APPENDIX 1 - [Ordered alphabetically] OPTIONAL MARKETING STATEMENTS

- 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
- Apply with tank sprayer, or a (hand held) trigger sprayer
- 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
- Can be used on patios, walkways, and driveways; along fences; in landscaping beds; or around flowers, shrubs and trees
- Concentrated for extra value
- Concentrated formula
- 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
- Eliminates roots and weeds
- Fast Acting
- Fast-acting formula
- Fast-acting formula absorbs to root more quickly
- Fast-acting for visible results in 12 hours
- For control that doesn't (won't) wash away
- For weed control - kills weeds and grasses in 1 to 2 weeks - roots and all
- For Outdoor Use around the Home
- For use (with) (in) (sprayer delivery name)
- For Use on Borders, Around Patios, Driveways, and Sidewalks
- Glyphosate targets an enzyme found in plants but not in people or pets Ideal for killing unwanted weeds and grasses throughout your yard.

### • Great Quality. Great Price. Guaranteed.

*\*Our guarantee is our promise that you'll be fully satisfied with the quality of every (brand name) product. If for any reason you aren't happy, we'll replace it or return your money-whichever you prefer. All you need to do is return the empty packaging. It's that simple. Guaranteed. Guaranteed within 1 year of the date of purchase.*

- Kills over 200 types of weeds and grasses, roots and all
- 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 (to) the root(s)!
- Kills (the toughest weeds and grasses) the root so weeds (they) don't come back
- Kills the roots of (both) broadleaf and grassy weeds o Kills the roots so treated weeds don't come back
- Kills the weed you see and the root you don't
- Kills the weed you see and the root others leave behind
- Kills unwanted weeds and grasses, roots and all
- Kills weeds and grasses in - Patios - Driveways - Sidewalks - Ornamental Gardens and other non-lawn areas
- 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



- Kills (all types of) weeds and grasses and brush
- Kills tough weeds
- Kills Weeds & (and) Grasses (down to the root)
- Kills the root
- Kills over (XXX) types of weeds
- Lawns and gardens can be reseeded or planted soon after treatment
- Make only what you need
- Mix into tank sprayer
- Money Back Guarantee  
See back panel for details\*
- Multipurpose grass and broadleaf weed control
- New
- Next day (this weekend) results: Begins killing on contact, visible results in 12 hours.
- No odor
- No root. No weed. No problem
- Non-Selective: Kills weeds & grasses
- 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)
- Ornamental gardens can be reseeded or planted 1 day after treatment
- Proven (trusted) performance
- Provides maximum control: Kills weeds to the root so they don't ever come back
- Questions or Comments? Call (xxx-xxx-xxxx)
- Quick-action formula lets you see results fast
- RainFast in hours - enters the plant on contact
- Replant (lawn grasses, herbs, vegetables (all), and fruits) 3 days after application
- Same effective results even if it rains within hours
- Single application controls (kills) most weeds
- Spray weeds until thoroughly wet
- Starts to work immediately
- This GLYPHOSATE + DIQUAT formula targets an enzyme found in plants, but not in people or pets
- (Use) For Brush Control
- (Use) For 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 to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens, and for renovating lawns
- Use as a spot treatment along sidewalks, fences, driveways, and patios
- Use along fences; in cracks of walks, drives and patios; and around flower beds, trees and shrubs
- Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction.
- (Provides) Visible (see) results in [24 hours] (days)
- Visible Results in Hours
- Water based formula
- Weed Eliminator
- Weed Killer