



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 19, 2019

Carolyn Miter
Registrations Specialist
Albaugh, LLC
PO Box 2127
Valdosta, GA 31604

Subject: Notification per PRN 98-10 – New Marketing Claims
Product Name: GLYPHOSATE 50.2%
EPA Registration Number: 42750-329
Application Date: 5/8/2018
Decision Number: 545424

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, you may contact please contact Sarah Meadows at 703-347-0505 or by email at meadows.sarah@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Sal Baris". The signature is fluid and cursive. To the right of the signature, the word "FOR" is written in a smaller, blocky font and underlined.

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

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

[Refer to APPENDIX 1 for consolidated list of label claims.]
[Refer to APPENDIX 2 for packaging related claims/instructions]

GLYPHOSATE 50.2%

ACTIVE INGREDIENT:

Glyphosate, isopropylamine salt 50.2%

OTHER INGREDIENTS 49.8%

Total 100.0%

[Money Back Guarantee statement]

KEEP OUT OF REACH OF CHILDREN

CAUTION

See (back panel) booklet for additional precautionary statements.

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes. • Call a poison control center (insert contact #) or doctor for treatment advice.
EMERGENCY MEDICAL INFORMATION	
Have the product container or label with you when calling a poison control center or doctor; or going for treatment. You may contact CHEMTREC at 1800-424-9300 for transport or emergency medical treatment information. This product is identified as [Insert brand name], EPA Reg. No. 42750-xxx	

EPA Reg. No. 42750-329
AD040618

EPA Est. No. xxxxxx-xx-xxx

NET CONTENT: [Refer to appendix 2]

MANUFACTURED BY [For]:

Albaugh, LLC
1525 NE 36th Street
Ankeny, IA 50021

NOTIFICATION

42750-329

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:

4/19/2019

[OPTIONAL TEXT]

Guaranteed Satisfaction. Open (booklet for details).* Resealable Label for Directions & Precautions (Press to Reseal)

Product Facts

Makes up to [] gallons

Treats up to [] sq ft (approx. size of [] tennis courts)

[see Appendix 2 for calculations]

KILLS WEEDS *[Illustrate grassy, broadleaf and woody weeds]*



(KILLS ALL TYPES OF WEEDS & GRASSES)

[For products where an anti-theft device has been added]

This bottle contains an anti-theft device, either inside or on the back of the bottle. It does not affect GLYPHOSATE 50.2% (product) performance.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

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

[Re-entry icon]

To prevent tracking product to unintended areas such as your yard, keep people and pets out of treated area until spray has dried.

[ALTERNATE TEXT] People and pets may enter treated area after spray has dried.

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 or the next 24 hours will help ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment of the treated area will help avoid run off to water bodies or drainage systems.

PHYSICAL AND CHEMICAL HAZARDS

Do not mix or allow to contact oxidizing agents. Hazards chemical reaction may occur.

STORAGE AND DISPOSAL [TRASH CAN ILLUSTRATION] 


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

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

If Empty: Do not reuse this container. Place in trash or offer for recycling if available.

If Partly Filled: Call your local solid waste agency or 1-800-CLEANUP (or other appropriate toll free number) for disposal instructions. Never place unused product down any indoor or outdoor drain.

Questions, Comments or Information

Call (insert contact #) [Phone icon] 

Visit Us on the Web at (insert web address) [computer icon] 

DIRECTIONS FOR USE

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

This is an end-use product. Albaugh does not intend and has not registered it for reformulation or repackaging.

HOW IT WORKS [Optional illustration]

[Insert Brand Name] is absorbed by the weed's leaves. It moves through the weed to the root, stopping the production of an essential enzyme found in plants (but not in humans or animals). Weeds die, roots and all- so weeds (they) don't grow back. Kills only what you spray. Any product not absorbed by the plant breaks down into natural materials without moving in or on the soil to untreated plants. (Weeds usually yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.)

[ALTERNATE TEXT] [Insert brand name] enters plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Any GLYPHOSATE 50.2% [or insert brand name] not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants. Weeds (usually) yellow and wilt within 2 to 4 days with complete kill in 1 to 2 weeks.

WHERE TO USE

- On patios, walkways, driveways, gravel or mulch beds
- Around fruits, vegetables, flowers, shrubs or trees
- Along fences
- In large areas
- For lawn replacement
- For garden plot preparation
- (Other areas in (of) your yard)

AMOUNT TO USE

For best results

- 2 ½ fl. oz. (5 Tbs.) per gallon of water (for established or tough (tough-to-control) weeds)

[OPTIONAL TEXT] For easy to kill weeds such as seedlings, add 1 ½ fl. oz. (3 Tbs.) per gallon of

water

MIXING INSTRUCTIONS

[Optional tank sprayer illustration]

Tank Sprayer: Use of a quality brand (Tank (Pump-Up) Sprayer) is recommended. A plastic, aluminum, fiberglass, plastic-lined steel or stainless steel sprayer may also be used.

[OPTIONAL TEXT] For easy to kill weeds such as seedlings, add 1 ½ fl. oz. (3 Tbs.) to 1 gallon of water

(For tough established weeds, for best results,) add 2 ½ fl. oz. (5 Tbs.) to 1 gallon of water

Spot treat or spray evenly over 300 square feet



[Optional DNS illustration]

Hose-End Sprayer

For large areas, consider using the Ortho Dial 'n Spray®

- Set dial to 2 ½ oz.
- To sprayer jar add 2 ½ fl. oz. (5 Tbs.) for each 300 square feet. DO NOT add water.
- Spray evenly over measured area.
- After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbs.) = 3 teaspoons (tsp)

1 fl. oz. = 2 Tbs.

Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.



HOW TO APPLY *[optional illustration]*

- 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.

IMPORTANT: Do not spray plants or grasses you like - they will die. Not recommended for spot weed control in lawns since glyphosate (this product) kills lawn grasses.

[Optional sprayer illustration]

1.33 Gallon Sprayer

Add 6.5 fl oz (13 Tbs) (the entire contents of this container) (the 6.5 fl. oz. Refill) [Insert Brand Name for refill super concentrate] to the empty glyphosate sprayer and fill very slowly with water to prevent foaming.

OR

Add 6.5 fl oz (13 Tbs) GLYPHOSATE 50.2% to the empty sprayer and fill very slowly with water to prevent foaming.

WHEN TO APPLY *[OPTIONAL ILLUSTRATION]*

- Apply when weeds are actively growing. (Use anytime weeds and grasses are actively growing.)
- For best 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, 45, 60, or 90 minutes; 2 hours, 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) after application will NOT wash away effectiveness.
- *[OPTIONAL TEXT]* If used to control weeds around fruit or nut trees, caneberries, or grapevines, allow 17 days before harvesting.
- *[OPTIONAL TEXT]* Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.

WHEN TO REPLANT *[OPTIONAL ILLUSTRATION]*

- 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.

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.

ADDITIONAL TIPS *[OPTIONAL ILLUSTRATION]*

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 Bamboo

- Cut canes close to the ground.
- Make cut just below a stem joint to create a hollow stem reservoir.
- Pour 1 Tbs. of undiluted product into the hollow stem reservoir.
- Browning of the canes will occur in 7-14 days.
- Spray foliage if regrowth occurs.

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.

For Lawn Replacement: Use *[Insert brand name]* to kill a (an old) lawn and (its) weeds before planting a new lawn.

- Skip one mowing before spraying.
- Use 2 ½ fl. oz. (5 Tbs.) per gallon of water for each 300 square feet.

- 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.

Kudzu

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

Wild Blackberry

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

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 Flowerbed & Garden (Plot) Preparation

- Use *[Insert brand name]* to kill weeds, grasses and brush before planting flowers, fruits, vegetables or herbs.
- If soil is dry, water before application and 2 to 3 days after application.
- Use 2.5 fl oz (5 Tbs) per gallon of water for each 300 sq ft. Apply evenly over treatment area.
- Wait 1-3 days before planting garden (flowers, trees and shrubs) See When to Replant section for details.

WHEN TO HARVEST *[OPTIONAL ILLUSTRATION]*

If used to control weeds around fruits or nuts, allow the following number of days before harvesting:

- Citrus (citron, grapefruit, lemon, lime, mandarin, orange, tangelo and tangerine) - 1 day.
- Nuts (almond, beechnut, cashew, chestnut, hazelnut, pecan, pistachio and walnut) - 3 days.
- Apple, avocado, banana (plantains), berries (except cranberries), dates, figs, grapes, kiwi fruit, loquat, passion fruit, pear, persimmon, pomegranate and quince - 14 days.
- Apricot, cherries, nectarine, olives, peach, plum and prunes - 17 days.

(OR)

[The following statement may instead be placed in the When To Apply section] If used to control weeds around fruit or nut trees, caneberries or grapevines, allow 17 days before harvesting.

[OPTIONAL SECTION]

KILLS ALL TYPES OF WEEDS & GRASSES *[OPTIONAL ILLUSTRATION]*

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, shepherdspurge,

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, bamboo, 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

[Back Panel location for guarantee box & Questions or Comments phone number]

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.



[phone icon]

Call (insert contact #)



Questions, Comments or Information [computer icon]

(visit us on the web at) www.xxxxxx

[Insert relevant trademark statements].

APPENDIX 1 :- Consolidated List of Label Claims

[Ordered alphabetically]

- 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
- Approved for residential lawn and garden uses.
- Before [weed graphics] & After [weed graphics]
- Begins absorbing on contact
- Can be used around (small) fruits and vegetables
- Can be used for habitat restoration, controlling exotic vegetation, and for site preparation of wildlife food plots.
- Can reseed or sod lawns 3 days after treatment
- * Consumer Guarantee: If for any reason you are not satisfied after using this product, simply send

us original proof of purchase and we will replace the product or refund the purchase price.

- Covers up to 300 sq ft per gallon of spray
- Dead Weeds Guaranteed* (or Your Money Back)
- Does not have soil activity
- Easy to apply with an Ortho Dial 'n Spray®, hose-end, tank or (hand held) trigger sprayer
- Even if it rains, glyphosate 50.2% won't lose its effectiveness
- For control that doesn't (won't) wash away
- For weed control - kills weeds and grasses in 2 to 4 weeks - roots and all
- Glyphosate 50.2% (This glyphosate formula) targets an enzyme found in plants but not in people or Pets

• 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.

- Guaranteed* (Satisfaction)
- Guaranteed* same effective results even if it rains within an hour (hours)
- Guaranteed Satisfaction. Open booklet for details.* .
- How to Use
- Fast uptake
- Kills annual and perennial broadleaf weeds, grasses and other unwanted plants
- Kills existing weeds only, no residual activity in soil
- Kills the root so (treated)· weeds don't come back
- Kills the roots of (both) broadleaf and grassy weeds,
- Kills the weed you see and the root you don't
- Kills (to) the root(s)! (Guaranteed!*)
- Kills unwanted weeds and grasses, roots and all
- 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
- Lawns and gardens can be reseeded or planted soon after treatment
- Make only what you need
- Money Back Guarantee
See back panel for details*
- Multipurpose grass and broadleaf weed control
- New
- No odor
- Once it enters the plant, it won't wash off
- Ornamental gardens can be reseeded or planted 1 day after treatment.
- Questions or Comments? Call (*xxx-xxx-xxxx*)
- Won't be washed away by rain or watering (30, 45, 60, 90 minutes; 2 hours, 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes) after treatment
- RAINPROOF (RAINFAST) in (30, 45, 60, 90 minutes; two hours, 1 hour; less than 1 hour; less than 60 minutes; less than 30 minutes)) (for control that won't wash away)
- Results in 24 hours
- GLYPHOSATE 50.2% Kills the weed you see and the root others leave behind
- GLYPHOSATE 50.2% kills weeds and grasses in - Patios - Driveways -Sidewalks - Gardens and other non-lawn areas
- Satisfaction guaranteed * or we will gladly refund purchase price
- Satisfaction guaranteed * or your money back with proof of purchase
- Absorption to the root
- Spray weeds (Use) in flowerbeds, around trees, shrubs and around fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas in your yard

- Starts working immediately
- Use around fruits and vegetables.
- (Use) For Bamboo Control
- (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 to trim and edge landscape areas
- (Use) For Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flowerbeds or similar plantings
- Use for large jobs like garden plot preparation and lawn replacement (renovation)
- (Use) For Lawn Renovation
- (Use) For Spot Spraying: Use in and around flowerbeds, ornamental, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways
- (Use) For Stumps
- (Use) For Wildlife Areas: Use to prepare areas for planting wildlife food. Exotic or undesirable plants can be controlled to allow for planting or recovery of native plant species. Spot treatments can be made to selectively remove unwanted plants.
- (Use in) Apply with a Big Shot™ Multi-Purpose Sprayer or other tank sprayer, Ortho Dial 'n Spray® or other hose-end sprayer, or a (hand held) trigger sprayer
- Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens, and for renovating lawns
- Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction
- Visible results in 2 to 4 days (hours)
- Water based formula
- (Weeds) start dying in 1 day (24 hours)
- What to Know
- Where it Works
- Won't wash away (off)
- Works only when absorbed by the foliage of weeds

APPENDIX 2 - Packaging Related Claims

NET CONTENTS: xx qt or gal (fl oz)

5 fl oz (148 ml)

6 fl oz (177 ml)

6.5 fl oz (192 ml)

8 fl oz (237 ml)

13 fl oz (384 ml)

1 pt (16 fl oz) (473 ml)

1 qt (32 fl oz) 946 ml)

40 fl oz (1.18 L)

0.42 gal (53.7 fl oz) (1.59 L)

64 fl oz (1.89 L)

1 gal (128 fl oz) (3.79 L)

[Net contents] Makes up to 'X' gallons

Makes between 'X' and 'Y' gallons

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

Treats (covers) up to 'Z' sq ft (approximate size of XX tennis court) Mix with water to cover up to 'Z' sq ft

[X= net contents+ 1.5] [Y= net contents + 2.5] [Z =X 300]*

[XX = Z + 2808]

[Pint]

Makes up to 10 gallons

Makes between 6 - 10 gallons

Mix with water to make 10 gallons of spray solution

Covers up to 3,000 sq ft

Mix with water to cover up to 3,000 sq ft

[Quart]

Makes up to 21 gallons

Makes between 12- 21 gallons

Mix with water to make 21 gallons of spray solution

Covers up to 6,300 sq ft

Mix with water to cover up to 6,300 sq ft

[0.42 Gallon]

Makes up to 35 gallons.

Makes between 21 -35 gallons

Mix with water to make 35 gallons of spray solution· Covers up to 10,500 sq ft

Mix with water to cover up to 10,500 sq ft

[Gallon]

Makes up to 85 gallons

Makes between 51 -85 gallons

Mix with water to 85 gallons of spray solution

Covers up to 25,500 sq ft

Mix with water to cover up to 25,500 sq ft

- Covers up to [x sq ft]
- BONUS SIZE [1% MORE!]
- With convenient measuring cup