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**LICENSED**

PERIOD **2014-2016** LIC. NO.

9625.183



Department of Agriculture  
STATE OF HAWAII

**LICENSED**

PERIOD **2011-2013** LIC. NO.

This stamp is valid for Zep Weed Defeat II (EPA Reg. No. 67760-55-1270) only. Space and/or color limitations on the product label required placement of the stamp on a separate sheet.



Department of Agriculture  
STATE OF HAWAII

**LICENSED**

PERIOD **2008-2010** LIC. NO.

# Zep Weed Defeat II

## Grass & Weed Killer Concentrate With 27% Glyphosate

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**ACTIVE INGREDIENT:**  
\*Glyphosate, (N-(phosphonomethyl) glycine) in the form of its isopropylamine salt ..... 27.0%  
**OTHER INGREDIENTS:** ..... 73.0%  
**TOTAL** ..... 100.0%  
\*Acid equivalent or Glyphosate content = 19.98%

**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 product 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.

**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**

Apply when unwanted weeds and grasses are actively growing. Weeds usually show initial symptoms within 1 week after treatment and complete kill in about 1 to 2 weeks. Larger more established weeds may take up to 4 weeks for complete kill. This product works best in warm sunny weather when daytime temperatures are above 60° F. For best results apply when weeds are small before seed heads have formed. If it rains within 24 hours after application, reapply. If hard- to-control weeds are not killed within 4 weeks, reapply product.

**HOW TO USE**

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 a dial type sprayer or other hose-end sprayer to treat large areas such as for lawn renovation.

To apply this product use any of the following equipment:

- Plastic, aluminum or stainless steel tank sprayer
- Dial type sprayer
- A hose-end sprayer recommended for weed killers
- Hand-trigger pump sprayer

Apply spray to evenly wet the weed. One gallon treats over 300 sq ft.

Determine the correct amount of product and water to add to sprayer from the directions.

**Cleaning application equipment:** 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.

**WHERE TO USE**

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

**Spot treatments:** Direct spray on undesirable weeds and grasses in and around flower beds, ornamental trees, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways. Spray when air is calm. Prevent product spray from contacting the leaves, green stems, or exposed roots of plants you like. Use a cardboard or plastic shield to protect desirable plants from spray or drift. Product will not move in or on the soil to untreated plants. If product is used to control weeds around fruit or nut trees or grapevines, wait 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. Treated areas can be replanted 1 day after treatment.

**Wildlife areas site preparation:** Use this product to prepare areas for planting wildlife food plots. Introduced or undesirable plants can be controlled with this product to allow for planting or recovery of native plant species. Spot treatments may be directed to selectively remove unwanted plants. Avoid spray drift to desirable plants.

**For lawn renovation/replacement:** Use this product to remove the undesired lawn and kill weeds and grasses. For best results, apply in spring or fall, when daytime temperatures are at least 60 degrees F. If the lawn is dry, water every other day for 7 days before applying product. Do not mow for 7 days before or after treatment. Use 4 fl. oz. per gallon of water for each 300 sq. ft. of

area to be treated. 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 soil amendments, if needed. Level the soil. Apply seed according to directions on seed package, or install sod. Grass seed must have good contact with soil to germinate and grow. Keep area moist for 2 weeks, to establish new lawn, then 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. Fall applications to brush may delay control to the following season. A second application may be required on hard-to-control species such as blackberry, kudzu, or poison oak.

**Stump treatment:** To prevent regrowth from stumps, apply product when vegetation is actively growing and immediately after being cut down.

- Cut stump close to the soil surface.
- Make 4-5 nail holes in 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.

**Vines treatment:** If vines are growing up poles, fences or tree trunks with mature bark, cut vines to a height of 3 to 4 ft 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 its regrowth. If spraying regrowth, shield shrubs and tree trunks from spray drift with a sheet of cardboard or plastic.

This Product will treat approximately: 12,600 sq. ft

To determine the amount you need to mix refer to the following table.

Close cap securely after use. No need to rinse the cap.

**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 OR CLOTHING:** 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 1-877-541-2016 for emergency medical treatment information.

**ENVIRONMENTAL HAZARDS**

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

**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: 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 for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Spill or leak:** In case of spill or leak, soak up with paper towels and discard in trash.

**Mixing Instructions**

Applicator	General Weed Control- Annuals	Tough Weed Control - Perennials or Brush Lawn Renovation	Area to Treat
Standard Tank Sprayer	Use 2 oz. (4 Tbs) of product in 1 gallon of water	Use 4 oz. (8Tbs) of product in 1 gallon of water	300 sq. ft. (30 feet x 10 feet)
Dial-Type Hose-End Sprayer	Mix 2 oz. (4 Tbs) of product into sprayer jar. DO NOT ADD WATER. Set dial to 2 oz and spray.	Mix 4 oz. (8 Tbs) of product into sprayer jar. DO NOT ADD WATER. Set dial to 4 oz and spray.	300 sq. ft. (30 feet x 10 feet)
Hand Trigger Sprayers	Mix 2 tsp. of product in 24 oz. of water	Mix 4 tsp. of product in 24 oz. of water	Use for spot treatments or on single weeds

1 teaspoon (tsp) – 1 Tablespoon (Tbs.) = 3 tsp. – 1 fl oz. (2 Tbs) – 2 fl oz. (4 Tbs)

**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 Selig Industries. All such risks shall be assumed by the user.

Selig Industries 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.

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

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Proudly American Made **Postscript is first letter of code number on bottom of can.**

**ZEP MANUFACTURING COMPANY**

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