

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)

1200 Pennsylvania Ave., N.W.

Washington, D.C. 20460

NOTICE OF PESTICIDE:

X Registration
Reregistration

(under FIFRA, as amended)

| EPA Re | g. Nur | nber: |
|--------|--------|-------|
|--------|--------|-------|

Date of Issuance:

54705-13

7/9/24

Term of Issuance:

Unconditional

Name of Pesticide Product:

Monterey Remuda Grass & Weed Killer

Name and Address of Registrant (include ZIP Code):

Lawn and Garden Products, Inc.

P.O. Box 1566 Fallon, NV 89407

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Continues page 2

| Signature of A | Approving | Official: |
|----------------|-----------|-----------|
|----------------|-----------|-----------|

Emily Schmid
Emily Schmid, Product Manager 25

Herbicide Branch, Registration Division (7505P)

Date:

7/9/24

Page 2 of 2 EPA Reg. No. 54705-13 Case No. 490783

- 2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 54705-13."
- 3. Submit one copy of the final printed label for the record before you release the product for shipment.

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 FIFRA 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) lists 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 these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

Basic CSF dated 9/18/2023

If you have any questions, please contact Jenna Wiegand at 202-566-0437 or at Wiegand.Jenna@epa.gov.

Enclosure

GLYPHOSATE

GROUP

HERBICIDE

# Monterey<sup>®</sup> Remuda<sup>®</sup> Grass & Weed Killer

41% Glyphosate Concentrate With Surfactant

Complete Broad-Spectrum Herbicide For Weeds, Woody Brush, Tree & Vine Control Around Residential & Industrial Areas and Their Immediate Vicinity

Controls Many Annual and Perennial Grasses & Broadleaf Weeds

Avoid Contact with Foliage, Green Stems, Exposed Non-Woody Roots or Fruit, Desirable Plants and Trees Since Severe Injury or Destruction May Result.



Active Ingredient:
Glyphosate, N-(phosphonomethyl) glycine, in the form
of its isopropylamine salt\*

Other Ingredients:

59.0%
Total

\*Contains 480 grams per liter or 4 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt.
Equivalent to 356 grams per liter or 3 pounds per U.S. gallon of the acid, glyphosate.

EPA Reg. No. 54705
EPA Est. No. 48498-CA-1

# KEEP OUT OF REACH OF CHILDREN CAUTION

Read the entire label before using this product. Use only according to label instructions.

### NET CONTENTS: 1 Pint, 1 Quart, 1 Gallon, 2.5 Gallons

Manufactured for:

#### LAWN AND GARDEN PRODUCTS, INC.

P.O. Box 35000 • Fresno, CA 93745 • (559) 499-2100 info@montereylawngarden.com

Monterey is a registered trademark of Brandt Consolidated, Inc. Remuda is a registered trademark of Lawn and Garden Products, Inc.

## ACCEPTED

7/9/2024

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. EATOE 40

<sup>\*</sup> 54705-13

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Harmful if swallowed or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE):

**Applicators and other handlers must wear:** Long-sleeved shirt and long pants and shoes plus socks. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Domestic Animals:** This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation could result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If such symptoms are observed, provide animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

#### **USER SAFETY RECOMMENDATIONS**

#### Users should:

- · Wash hands before eating, drinking, chewing gum, Using tobacco, or using the toilet.
- · Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

| FIRST AID                 |  |  |
|---------------------------|--|--|
| IF IN EYES                | <ul> <li>Hold eye open and rinse slowly and gently with water for 15 to 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>   |  |
| IF SWALLOWED              | <ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have a person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul> |  |
| IF INHALED                | <ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>  |  |
| IF ON SKIN OR<br>CLOTHING | <ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</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. You may also contact CHEMTREC® at 1-800-424-9300 for emergency medical treatment information.

#### **ENVIRONMENTAL HAZARDS**

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters and rinsate.

#### PHYSICAL OR CHEMICAL HAZARDS

Spray solutions of this product may be mixed, stored and applied using stainless steel, fiberglass, plastic or plastic-lined steel container

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas, which can form a highly combustible gas mixture. This gas mixture could flash or explode if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source and cause serious personal injury.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

This product may be used to control weeds, woody brush, trees and vines on maintained landscapes, on improved and unimproved land, on lawns and around ornamentals on residential and industrial areas and their immediate vicinity.

This product may be used for non-selective control of unwanted vegetation on any site listed on this label for trim-and-edge application around objects, including around building foundations, trees, along and in fences, and to eliminate unwanted weeds growing in and around established shrub beds and ornamental plantings. This product may also be used for complete elimination of vegetation from a terrestrial site prior to planting ornamentals, flowers, or lawns (sod or seed). Application of this product may be repeated, as needed, to maintain bare ground, up to a total application of 10.6 quarts per acre per year (8 fl. oz. per 1,000 sq. ft. per year).

Unless otherwise directed, application of this product may be made according to the directions for use in the sections that follow on any of these sites using the method of application described on this label to control any weeds, woody brush, trees and vines listed in the "ANNUAL WEEDS RATE SECTION," "PERENNIAL WEEDS RATE SECTION" and "WOODY BRUSH, TREES AND VINES RATE SECTION of this label.

#### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to product agricultural plants on farms, forests, nurseries or greenhouses.

Keep people and pets off treated areas until spray solution has dried.

#### PRODUCT INFORMATION

This product is a postemergence, systemic herbicide with no soil residual activity. It is generally non-selective and gives broadspectrum control of many annual and perennial weeds, woody brush, trees and vines. It is formulated as a water-soluble liquid containing surfactant and may be applied using standard application equipment after dilution and thorough mixing with water according to label directions.

**Mechanism of Action:** The active ingredient in this product inhibits an enzyme found only in plants and microorganisms that is essential to the formation of specific amino acids.

**No Soil Activity:** This product binds tightly to soil particles and does not provide residual weed control. Weeds must be emerged at the time of application to be controlled by foliar application of this product. Weed seeds in the soil will not be affected by this product and will continue to germinate. Unattached plant rhizomes and root stocks beneath the soil surface will also not be affected by this product.

Biological Degradation: Degradation of this product is primarily a biological process carried out by soil microbes.

State of Weeds: Annual weeds are easiest to control when they are small. Optimal control of most perennial weeds is obtained when this product is applied at late growth stages approaching maturity. Refer to the "ANNUAL WEEDS RATE SECTION" and "WOODY BRUSH, TREES AND VINES RATE SECTION" for more information on the control of specific weeds.

**Cultural Considerations:** Reduced weed control could result when this product is applied to annual or perennial weeds that have been mowed, grazed or cut, and have not been allowed to re-grow prior to application. Always use a high product application rate within the given range when weed growth is heavy or dense, or when weeds are growing in an undisturbed (non-cultivated) area. Reduced weed control could also result when this product is applied to weeds that show signs of disease or insect damage, are covered with dust, or are surviving under poor growing conditions.

Spray Coverage: For optimal results, spray coverage must be uniform and complete. Do not spray foliage to the point of runoff.

Rainfastness: Heavy rainfall soon after application may wash this product off of the foliage and a repeat application may be required for adequate control. For maximum effectiveness, product should be applied 4 hours prior to irrigation or rain. Refer to specific use sections of this label for additional information on the minimum intervals required before re-application of this product.

**Time to Symptoms:** This product moves through the plant from the point of foliage contact to and into the root system. Visible effects are a gradual wilting and yellowing of the plant that advances to complete browning of aboveground growth and deterioration of underground plant parts. Effects are visible on most annual weeds within 2 to 4 days, but on most perennial weeds, effects might not be visible for 7 or more days after application. Extremely cool or cloudy weather following application could slow activity of the product and delay development of visual symptoms.

Unless otherwise specified on this label, the combined total application of this product on a site must not exceed 8 quarts (6 pounds of Glyphosate acid) per acre per year [6 fl. oz. (0.14 lbs. of glyphosate acid) per 1,000 sq. ft. per year.]

**NOTE:** Use of this product in any manner not consistent with this label could result in injury to persons, animals or drops, or have other unintended consequences.

#### WEED RESISTANCE MANAGEMENT

For resistance management, this product contains a Group 9 herbicide – Glyphosate. Any weed population may contain or develop plants naturally resistant to other Group 9 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

When herbicides that affect the same biological site of action are used repeatedly over several years to control the same weed species in the same area, naturally-occurring resistant biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in that area. Adequate control of these resistant weed biotypes cannot be expected. If weed control is unsatisfactory, it may be necessary to retreat the problem area using a product affecting a different site of action.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of this product or other Group 9 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in an area.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other areas by cleaning tillage equipment when moving between areas, and planting clean seed.
- If a weed population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action if available.
- Contact your local extension specialist for additional pesticide resistance-management and/or integrated weed-management recommendations for specific plants and weed biotypes.

Management of Glyphosate-Resistant Biotypes: Appropriate testing is needed to determine if a weed is resistant to Glyphosate. Glyphosate-resistant weeds can be controlled or managed by applying this product in combination with residual preemergence herbicides and/or other postemergence herbicides labeled for control of the targeted weed in the area being grown. For more information, see the "ANNUAL WEEDS RATE SECTION" and "PERENNIAL WEEDS RATE SECTION" of this label. Since the occurrence of resistant weeds is difficult to detect prior to use, Lawn and Garden Products, Inc. accepts no liability for any losses that result from the failure of this product to control resistant weeds.

#### **MIXING**

Spray solutions of this product may be mixed, stored and applied using clean stainless steel, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS.

Clean sprayer parts promptly after using this product by thoroughly flushing with water.

#### Mixing with Water

PERFORMANCE OF THIS PRODUCT CAN BE SIGNIFICANTLY REDUCED IF WATER CONTAINING SOIL SEDIMENT IS USED AS CARRIER. DO NOT MIX THIS PRODUCT WITH WATER FROM PONDS OR DITCHES THAT IS VISIBLY MUDDY OR MURKY.

This product mixes readily with water. Mix spray solutions of this product as follows. Begin filling the mixing tank or spray tank with clean water. Add the required amount of this product near the end of the filling process and mix gently. Foaming of the spray solution can occur during mixing.

#### **Mixing Spray Solution Concentrations**

Prepare the desired volume of spray solution at a given concentration by mixing the amount of this product indicated in the following table in water.

#### **Spray Solution Table:**

|                | MONTERE         | Amount of Y REMUDA® GRASS & V | WEED KILLER  |                |
|----------------|-----------------|-------------------------------|--------------|----------------|
| Desired Volume | 0.5%            | 1%                            | 1.5%         | 2%             |
| 1 Gallon       | 0.65<br>Fl. Oz. | 1.3<br>Fl. Oz.                | 2<br>Fl. Oz. | 2.6<br>Fl. Oz. |

<sup>2</sup> Tablespoons = 1 Fluid Ounce

For filling backpack and pump-up sprayers, consider mixing the appropriate amount of this product with water in a larger container and then filling the sprayer from the larger container.

#### **Surfactants**

Although not always required, surfactant may be added to spray solutions of this product. However, additional surfactant can increase the performance of this product. Nonionic surfactants that are labeled for use with herbicides may be used. Do not reduce rates of this product when adding surfactant. Use a surfactant concentration of 0.25 to 0.5 percent (1 to 2 quarts per 100 gallons of spray solution) (1.5 tsp. to 1 Tbs. per 1 gallon of spray solution) when adding surfactant that contains at least 70 percent active ingredient, or a 1% surfactant concentration (4 quarts per 100 gallons of spray solution) (5 tsp. per 1 gallon of spray solution) when adding surfactant that contains less than 70 percent active ingredient. Read and carefully observe all precautionary statements and other information on the surfactant label.

#### **APPLICATION EQUIPMENT AND TECHNIQUES**

#### Handheld Sprayers – backpack sprayers, pump-up pressure sprayers

Apply this product using properly maintained and calibrated equipment capable of accurately delivering desired spray volumes. Do not apply this product through any type of irrigation system.

#### SPRAY DRIFT MANAGEMENT

AVOID CONTACT OF THIS HERBICIDE WITH FOLIAGE, STEMS, EXPOSED NON-WOODY ROOTS OR FRUITS, DESIRABLE PLANTS AND TREES AS SEVERE PLANT INJUIRY OR DESTRUCTION COULD RESULT.

Do not allow the herbicide solution to mist, drip, drift or splash onto desirable vegetation, as small quantities of this product can cause severe damage or destruction to the plants or other vegetation on which application was not intended,

AVOID DRIFT. USE EXTREME CARE TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS WHEN APPLYING HIS PRODUCT.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determines the potential for spray drift. The applicator and grower are responsible tor considering all these factors when making decisions regarding the application of this product.

The likelihood of injury occurring as the result of spray drift while applying this product increases when winds are gusty, as wind velocity increases, when wind direction is constantly changing or when there are other meteorological conditions that favor spray drift. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist) that are likely to drift.

TO PREVENT INJURY TO ADJACENT DESIRABLE VEGETATION, APPROPRATE BUFFERS MUST BE MAINTAINED.

AVOID APPLYING THIS PRODUCT AT EXCESSIVE SPEED OR SPRAYER PRESSURE.

#### **Handheld Sprayers**

When using a handheld sprayer, apply spray solutions of this product uniformly and completely to the foliage of target weeds using a coarse droplet spectrum and a spray-to-wet technique; do not spray to the point of runoff. For the appropriate concentration of this product in a spray solution and timing of application to control specific weeds, woody brush, trees and vines, refer to the "ANNUAL WEEDS RATE SECTION," "PERENNIAL WEEDS RATE SECTION" AND "WOODY BRUSH, TREES AND VINES RATE SECTION" of this label.

Take care not to spray or allow spray to drift outside the target area in order to avoid unwanted plant destruction.

#### **ANNUAL WEEDS**

Annual weeds are easiest to control when they are small and actively growing. New leaf development indicates active growth.

For application using a handheld sprayer with a spray-to-wet technique, apply 0.5 percent solution of this product to annual weeds less than 6 inches in height or runner length prior to seedhead formation in grasses or bud formation in broadleaf weeds. To control annual weeds over 6 inches tall, or even smaller weeds growing under stressed conditions, apply a 1 to 2 percent solution. Apply the maximum concentration of this product within this range for hard-to-control weeds or weeds over 24 inches tall.

For optimal control, do not mow, cut, till, burn or disturb vegetation in the application area for a minimum of 3 days after application,

This product has no residual soil activity and does not control emergence of new annual weeds from seed. Subsequent applications of this product will be needed to control weeds that continue to emerge.

#### **ANNUAL WEED SPECIES**

| Anoda, spurred   | Geranium, Carolina                      | Ragweed, common |
|------------------|---|-----------------|
| Balsam apple     | Goatgrass, jointed                      | Ragweed, giant  |
| Barley           | Goosegrass                              | Rice, red       |
| Barley, little   | Groundsel, common                       | Rocket, London  |
| Barnyardgrass    | Henbit                                  | Rocket, yellow  |
| Bassia, fivehook | Horseweed/Marestail (Conyza canadensis) | Rye             |
| Bittercress      | Itchgrass                               | Ryegrass        |

| Bluegass, annual                     | Johnsongrass, seedling      | Sandbur, field          |
|--------------------------------------|-----------------------------|-------------------------|
| Bluegrass, bulbous                   | Junglerice                  | Sesbania, hemp          |
| Brome, downy                         | Knotweed                    | Shattercane             |
| Brome, Japanese                      | Kochia                      | Shepherd's-purse        |
| Broomsedge                           | Lambsquarters               | Sicklepod               |
| Buttercup                            | Lettuce prickly             | Signalgrass, broadleaf  |
| Cheatgrass                           | Mannagrass, eastern         | Smartweed, ladysthumb   |
| Cheeseweed (Malva parviflora)        | Mayweed                     | Smartweed, Pennsylvania |
| Chervil                              | Medusahead                  | Sorghum, grain (milo)   |
| Chickweed                            | Morningglory (Ipomoea spp.) | Sowthistle, annual      |
| Cocklebur                            | Mustard, blue               | Speedwell, corn         |
| Copperleaf, Virginia                 | Mustard, tansy              | Speedwell purslane      |
| Coreopsis, plans/tickseed            | Mustard, tumble             | Sprangletop             |
| Corn                                 | Mustard, wild               | Spurge, annual          |
| Crabgrass                            | Nightshade, black           | Spurge, prostrate       |
| Cupgrass, woolly                     | Oats                        | Spurge, spotted         |
| Dwarf dandelion                      | Panicum browntop            | Spurry, umbrella        |
| Eclipta                              | Panicum, fall               | Starthistle, yellow     |
| False dandelion                      | Panicum, Texas              | Stinkgrass              |
| Falseflax, smallseed                 | Pennycress, field           | Sunflower               |
| Fiddleneck                           | Pepperweed, Virgiia         | Teaweed / Prickly sida  |
| Filaree                              | Pigweed                     | Thistle, Russian        |
| Fleabane, annual                     | Puncturevine                | Velvetleaf              |
| Fleabane, hairy (Conyza bonariensis) | Purslane, common            | Wheat                   |
| Fleabane, rough                      | Pusley, Florida             | Wild oats               |
| Foxtail                              |                             | Watchgrass              |
| Foxtail, Carolina                    |                             |                         |

#### **PERENNIAL WEEDS**

Optimal control of perennial weeds can be obtained when this product is applied when target weeds are small and actively growing. New leaf development indicates active growth. If application of this product must be made to larger weeds or to weeds that are slowly growing under stressful conditions, apply at a rate or spray solution concentration towards the upper end of the specified range.

If weeds have been mowed or tilled, do not apply this product until plants have resumed active growth and have reached the specified stage of growth, or sufficient growth has been achieved to allow for good interception of the spray solution. For optimal control, do not mow, cut, till, burn or disturb vegetation in the application area for a minimum of 7 days after application.

Application of this product in the fall must be before a killing frost.

This product has no soil activity and does not control emergence of perennial weeds from seed and dormant underground roots, rhizomes or tubers percent in the soil at the time of application. More than one application of this product will be necessary for continued control of weeds that emerge following application.

#### PERENNIAL WEEDS RATE TABLE

| PERENNIAL WEEDS | USE RATE   |  |
|-----------------|--|--|
|                 | (Percent Solution)   |  |
| Alligatorweed*  | 1.5  |  |
|                 | Apply when most of the plants are in bloom. More than one application will be needed to achieve control. |  |
| Anise (fennel)  | 1 to 2   |  |
| Bahiagrass      | 2  |  |

| Bermudagrass                    | 2   |
|---------------------------------|---|
|                                 | Make application when seedheads are present.  |
| Bermudagrass, water (knotgrass) | 2   |
| Bluegrass, Kentucky             | 2   |
|                                 | Apply when most target plants have reached the boot to head stage of development,. When application is made prior to the boot stage, reduced control can result. In the fall, make application before plants have turned brown.                     |
| Brackenfern                     | 1 to 1.5  |
|                                 | Make application to fully expanded fronds which are at least 18 inches long.  |
| Bromegrass, smooth              | 2   |
|                                 | Apply this product when most target plants have reached the boot to head stage of development. When application is made prior to boot stage, reduced control can result. In the fall, make application before plants have turned brown.             |
| Bursage, woollyleaf             | 2   |
| Canarygrass, reed               | 2   |
|                                 | Apply this product when most target plants have reached the boot to head stage of development. When application is made prior to boot stage, reduced control can result. In the fall, make application before plants have turned brown.             |
| Cattail                         | 2   |
|                                 | Apply this product when target plants are actively growing and are at or beyond the early to full bloom stage of development. Optimal results are achieved when application is made during the summer or fall months.                               |
| Clover; red, white              | 2   |
| Cogongrass                      | 2   |
|                                 | Apply this product in late summer or fall when cogongrass is at least 18 inches tall and actively growing. Due to uneven stages of growth and the dense nature of this vegetation, more than one application might be necessary to achieve control. |
| Dallisgrass                     | 2   |
| Dandelion                       | 2   |
| Dock, curly                     | 2   |
| Dogbane, hemp                   | 2   |
|                                 | Apply this product when most target plants have reached the late-bud to flower stage of growth. For optimal results, make application in late-summer or fall.   |
| Fescue (except tall)            | 2   |
| Fescue, tall                    | 2   |
|                                 | Apply this product when most target plants have reached the boot to head stage of growth. If applied prior to the boot stage, less than desirable control might be obtained.  |
| Guineagrass                     | 1   |
|                                 | Apply when most target plants have reached the 7-leaf stage of growth.  |
| Horsenettle                     | 2   |
| Horseradish                     | 2   |
|                                 | Apply this product when most target plants have reached the late-bud to flower stage of development, For optimal results, apply in late-summer or fall.   |
| Ice plant                       | 1.5 to 2  |
| Ivy; cape, German               | 1 to 2  |
| Jerusalem artichoke             | 2   |
| Johnsongrass                    | 1   |
|                                 | Apply this product when most target plants have reached the boot to head stage of development or before plants have turned brown in the fall. When applied prior to the boot stage, reduced control can result.                                     |

| Kikuyugrass              | 2  |
|--------------------------|--|
| Knapweed                 | 2  |
|                          | Apply when most target plants have reached the boot to head stage of development or before plants have turned brown in the fall. For optimal results, apply in late summer or fall.  |
| Lantana                  | 1 to 1.25  |
|                          | Apply this product when most target plants are at or beyond the bloom stage of growth. Use the higher spray solution concentration on plants that have reached the woody stage of growth.  |
| Lespedeza                | 2  |
| Loosestrife, purple      | 1.5 to 2   |
|                          | Apply this product when most target plants are at or beyond the bloom stage of growth. Optimal results are achieved when application is made during summer or fall months. Fall application must be made before a killing frost.   |
| Lotus, American          | 1  |
|                          | Apply this product when most target plants are at or beyond the bloom stage of growth. Optimal results are achieved when application is made during summer or fall months. Fall application must be made a killing frost. More than one application of this product might be necessary to control re-growth of underground plant parts and seeds.  |
| Milkweed, common         | 2  |
|                          | Apply this product when most target plants have reached the late-bud to flower stage of growth.  |
| Muhly, wirestem          | 2  |
|                          | Make application when most target plants are at least 8 inches in height (3 to 4-leaf stage of development) and actively growing.  |
| Mullein, common          | 2  |
| Napiergrass              | 2  |
| Nutsedge: purple, yellow | 1 to 2   |
|                          | Apply this product to control existing nutsedge plants and attached immature nutlets when target plants are in flower or when new nutlets can be found at rhizome tips. Nutlets that have not germinated will not be controlled and will require repeated application of this product for long-tern control.   |
| Orchardgrass             | 2  |
|                          | Make application when most target plants have reached the foot to head stage of development. When applied prior to the boot stage, less than desirable control could be obtained. In the fall, make application before plants have turned brown.   |
| Pampasgrass              | 1.5 to 2   |
| Para grass               | 2  |
|                          | More than one application of this product will be needed to achieve complete control. Allow plants to re-grow to the 7- to 10-keaf stage before making next application.   |
| Pepperweed, perennial    | 2  |
| Phragmites*              | 1 to 2   |
|                          | For partial control apply a 1-percent solution. For optimal results, make application on late-summer or fall when plants are actively growing and in full bloom. Due to the dense nature of this vegetation (which can prevent good spray coverage) and uneven stages of growth more than one application of this product might be necessary to achieve control. Visual symptoms of control will be slow to develop. |
| Quackgrass               | 2  |
|                          | Apply this product when most target plants are at least 8 inches in height (3- to 4-leaf stage of development) and actively growing.   |
| Redvine*                 | 2  |
| Reed; common, giant      | 2  |
|                          |  |
| , , , , , <b>,</b>       | For optimal results make application in late-summer-or fall.   |

|                       | Apply this product when most target plants have reached the boot to head stage of growth. When applied prior to the boot stage, reduced control can result. In the fall, make application before ryegrass turns brown.           |
|-----------------------|--|
| Smartweed, swamp      | 2  |
| Spatterdock           | 1  |
|                       | Make application when most target plants are in full bloom. For optimal results, apply in the summer or fall.  |
| Sowthistle, perennial | 2  |
| Spurge, leafy*        | 2  |
| Starthistle, yellow   | 2  |
| Sweet potato, wild*   | 2  |
|                       | Make application when most target plants are at or beyond the bloom stage of growth. More than one application will be needed to achieve control.  |
| Thistle, artichoke    | 1 to 2   |
|                       | Make application when target plants are at or beyond the bud stage of growth.  |
| Timothy               | 2  |
|                       | Make application when most target plants have reached the boot to head stage of development. If application is made prior to the boot stage, reduced control can result. In the fall, make application before plants turn brown. |
| Torpedograss*         | 2  |
| Trumpetcreeper*       | 2  |
| Tules, common         | 2  |
|                       | Make application to target plants at or beyond the seedhead stage of development. Visual symptoms will be slow to appear and might not appear for 3 or more weeks after application.   |
| Vaseygrass            | 2  |
| Velvetgrass           | 2  |
| Wheatgrass, western   | 2  |
|                       | Make application when most target plants have reached the boot to head stage of development Application made prior to the boot stage could result in reduced control. In the fall, make application before plants turn brown.    |

<sup>\*</sup>Partial control

#### **WOODY BRUSH, TREES AND VINES**

Apply this product to brush and trees that are actively growing after full leaf expansion unless otherwise directed. Use the high application rates within a given range for larger brush and trees and/or application in areas of dense vegetative growth. For control of vines, apply this product at the higher application rate or spray solution concentration within the given range when target plants have reached the woody stage of growth.

Optimal control of woody brush and trees is obtained when application is made in late-summer or fall after fruit formation; however, in arid areas, optimal control can be obtained when application is made in spring to early-summer when brush and trees are at high moisture content and flowering. Poor control can be expected when this product is applied to drought-stressed brush and trees.

Some autumn color on undesirable deciduous species is acceptable when applying this product to brush and trees in the fall, provided no major leaf drop has occurred. Reduced performance of this product could result if application is made following a frost. Symptoms might not appear prior to frost or senescence following a fall application.

For optimal results, allow 7 or more days after application before mowing, cutting, tilling, burning or removal of woody brush, trees and vines from the application site. Additional applications of this product will be required to control brush and trees regenerating from underground parts or seed.

#### WOODY BRUSH, TREES AND VINES RATE TABLE

| Species | USE RATE<br>(% Solution) |
|---------|--------------------------|
| Alder   | 1 to 1.5                 |

| Ash*   | 1 to 2   |
|--|--|
| Aspen, quaking   | 1 to 1.5   |
| Bearmat (Bearclover)*                                      | 1 to 2   |
| Beech*   | 1 to 2   |
| Birch  | 1 to 1.5   |
| Blackberry   | 1 to 1.5   |
| ·  | Apply after target plants have reached full leaf maturity. Optimal results can be obtained when application is made in late-summer or fall.  |
| Blackgum   | 1 to 2   |
| Bracken  | 1 to 2   |
| Broom; French, Scotch                                      | 1.5 to 2   |
| Buckwheat, California*                                     | 1 to 2   |
|  | Thorough coverage of foliage is necessary for optimal results.   |
| Cascara*   | 1 to 2   |
| Catsclaw*  | 1 to 1.5   |
| Ceanothus*   | 1 to 2   |
| Chamise  | 1  |
| Onamico  | Thorough coverage of foliage is necessary for optimal results.   |
| Cherry; bitter, black, pin                                 | 1 to 1.5   |
| Coyote brush   | 1.5 to 2   |
| Coyole blusii  | Apply when at least 50 percent of the new leaves are fully developed.  |
| Deerweed   | Apply when at least 50 percent of the new leaves are fully developed.  |
|  | 1 to 2   |
| Dogwood*   | **   |
| Elderberry   | 1 to 1.5   |
| Elm*   | 1.5 to 2   |
| Eucalyptus   | 2 For control of eucalyptus re-sprouts, apply when re-sprouts are 6 to 12 feet tall. Ensure complete coverage. Application to drought-stressed eucalyptus plants will result in less than optimum results.   |
| Florida holly<br>(Brazillian Peppertree)*                  | 1 to 2   |
| Gallberry  | 1 to 2   |
| Gorse*   | 1 to 2   |
| Hackberry, western   | 1 to 2   |
| Hasardia*  | 1 to 2   |
|  | Thorough coverage of foliage is necessary for optimal results.   |
| Hawthorn   | 1 to 1.5   |
| Hazel  | 1 to 1.5   |
| Hickory*   | 1-2  |
| Honeysuckle  | 1 to 1.5   |
| Hombeam, American*   | 1 to 2   |
|  |  |
| lvy, poison  |  |
| IZ de-   | 2  |
| Kudzu  | 2 2 More than one application might be needed to achieve control.  |
| Kudzu  Locust, black*                                      | 2  |
|  | 2 More than one application might be needed to achieve control.  1 to 2 2  |
| Locust, black* Madrone re-sprouts                          | 2 More than one application might be needed to achieve control.  1 to 2  2 Apply to re-sprouts that are 3 to 6 feet tall. Optimal results can be obtained with spring or early-summer application.   |
| Locust, black*  Madrone re-sprouts  Manzanita*             | 2 More than one application might be needed to achieve control.  1 to 2  2 Apply to re-sprouts that are 3 to 6 feet tall. Optimal results can be obtained with spring or early-summer application.  1 to 2   |
| Locust, black* Madrone re-sprouts                          | 2 More than one application might be needed to achieve control.  1 to 2  2 Apply to re-sprouts that are 3 to 6 feet tall. Optimal results can be obtained with spring or early-summer application.  1 to 2  1 to 1.5   |
| Locust, black*  Madrone re-sprouts  Manzanita*  Maple, red | 2 More than one application might be needed to achieve control.  1 to 2  2 Apply to re-sprouts that are 3 to 6 feet tall. Optimal results can be obtained with spring or early-summer application.  1 to 2  1 to 1.5 Apply a 1 to 1.5 percent solution when at least to percent of the new leaves are fully developed. |
| Locust, black*  Madrone re-sprouts  Manzanita*             | 2 More than one application might be needed to achieve control.  1 to 2  2 Apply to re-sprouts that are 3 to 6 feet tall. Optimal results can be obtained with spring or early-summer application.  1 to 2  1 to 1.5   |

| Monkey flower*                                     | 1 to 2  |
|--|---|
| Monkey nower                                       | Thorough coverage of foliage is necessary for optimal results.  |
| Oak; black, white*                                 | 1 to 2  |
| Oak, post  | 1 to 1.5  |
| Oak: northern, pin                                 | 1 to 1.5  |
| Oak. Horatom, pin                                  | Apply when at least 50 percent of the new pin leaves are fully developed.   |
| Oak, poison  | 2   |
| ouk, poloon  | Repeat applications might be required to maintain control. Application in the fall must be made before leaves lose green color. |
| Oak, post  | 1 to 1.5  |
| Oak, red   | 1 to 1.5  |
| •  | For control. Apply this product when at least 50 percent of the new leaves are fully developed.                                 |
| Oak, scrub*  | 1 to 1.5  |
| Oak, southern red                                  | 1 to 1.5  |
| Orange, Osage                                      | 1 to 2  |
| Peppertree, Brazilian (Florida holly)*             | 1 to 2  |
| Persimmon*   | 1 to 2  |
| Pine   | 1 to 2  |
| Poplar, yellow*                                    | 1 to 2  |
| Redbud, eastern                                    | 1 to 2  |
| Rose, multiflora                                   | 1   |
| ,  | Make application prior to leaf deterioration by leaf-eating insects.  |
| Russian olive*                                     | 1 to 2  |
| Sage, black  | 1 to 2  |
| •  | Thorough coverage of foliage is necessary for optimal results.  |
| Sage, white*                                       | 1 to 2  |
| Sagebrush, California                              | 1   |
| •  | Thorough coverage of foliage is necessary for optimal results.  |
| Salmonberry  | 1 to 1.5  |
| Sassafrass*  | 1 to 2  |
| Sourwood*  | 1 to 2  |
| Sumac; laurel, poison, smooth, sugarbrush, winged* | 1 to 2  |
| Sweetgum   | 1 to 1.5  |
| Swordfern*   | 1 to 2  |
| Tallowtree, Chinese                                | 1   |
| Tan oak re-sprouts*                                | 2   |
| Thimbleberry                                       | 1   |
| Tobacco, tree*                                     | 1 to 2  |
| Toyon*   | 2   |
| Trumpetcreeper                                     | 1 to 1.5  |
| Virginia creeper                                   | 1 to 2  |
| Waxmyrtle, southern*                               | 1 to 2  |
| Willow   | 1   |
| Yerba santa, California*                           | 2   |
|  |   |

<sup>\*</sup> Partial control

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** STORE ABOVE 10°F (-12°C) TO KEEP FROM CRYSTALLIZING. Crystals will settle to the bottom. If allowed to crystallize, place in a warm room 68°F (20°C) for several days to dissolve and shake or roll to mix well before using.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed must be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures. Emptied container retains vapor and product residue. Observe all label safeguards until container is destroyed.

**CONTAINER HANDLING: NOTE:** This product is available in multiple containers. Refer to the Net Contents section of this product's labeling and follow the container handling instructions that apply to your container type/size.

Nonrefillable Containers 5 Gallons or less): 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 and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by State and local authorities.

Nonrefillable Containers Larger than 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure 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 ¼ 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. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds, Drain for 10 seconds after the flow begins to drip. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by State and local authorities.

#### LIMITED WARRANTY:

Lawn and Garden Products, Inc. warrants that the Product conforms to the chemical description given on this label and is reasonably fit for the purpose stated when used in accordance with label directions under normal conditions of use. To the extent consistent with applicable law, Lawn and Garden Products, Inc. and Seller make no other warranties, express or implied, including warranty of merchantability or fitness for a particular purpose. To the extent consistent with applicable law, Buyer and User accept all risks arising from any use of this Product. To the extent allowed by law, Lawn and Garden Products, Inc. and the Seller shall not be liable to the Buyer or User of this Product for any consequential, special, incidental or indirect damages.

| DATOLI | NO  |  |
|--------|-----|--|
| BATCH  | NO. |  |

**OPTIONAL GRAPHICS:** 





