



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 1, 2020

Shannon Cooley  
Regulatory Affairs  
Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

Subject: Notification per PRN 98-10 – Minor label revisions  
Product Name: CSI 19-313E Glufosinate 5.78%  
EPA Registration Number: 53883-469  
Application Date: April 17, 2020  
Decision Number: 562180

Dear Shannon Cooley:

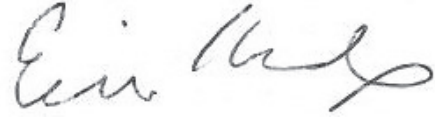
The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls 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 BeWanda Alexander at (703)347-0313 or by email at [alexander.bewanda@epa.gov](mailto:alexander.bewanda@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft". The signature is written in a cursive style with a large, sweeping flourish at the end.

Erik Kraft, Product Manager 24  
Fungicide and Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

**NOTIFICATION**

53883-469

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:

05/01/2020

*[Text in brackets and italics are notes to the label editor.]*

[Text in brackets alone are optional statements or alternative statements.]

MASTER LABEL – Unless otherwise noted, all text shown prior to the start of sub-label A will be present on both sub-label A and sub-label B when printed.

# CSI 19-313E Glufosinate 5.78%

ABN(s): [Nullify] [Nullify T&O] [Nullify Farm & Ranch] [Nullify 5.78] [Martin's Nullify] [Martin's Nullify T&O] [Martin's Nullify Farm & Ranch] [Martin's Nullify 5.78] [Reverse] [Reverse 5.78] [Reverse Farm & Ranch] [Martin's Reverse] [Martin's Reverse 5.78] [Martin's Reverse Farm & Ranch] [Setback] [Setback Farm & Ranch] [Setback 5.78] [Martin's Setback] [Martin's Setback Farm & Ranch] [Martin's Setback 5.78] [Groundbreaker] [Groundbreaker Farm & Ranch] [Groundbreaker 5.78] [Martin's Groundbreaker] [Martin's Groundbreaker Farm & Ranch] [Martin's Groundbreaker 5.78] [Revolt] [Revolt Farm & Ranch] [Revolt 5.78] [Martin's Revolt] [Martin's Revolt Farm & Ranch] [Martin's Revolt 5.78] [Torvedo] [Torvedo Farm & Ranch] [Torvedo 5.78] [Martin's Torvedo] [Martin's Torvedo Farm & Ranch] [Martin's Torvedo 5.78]  
[Eraser GFN]

[Optional Generic Descriptor(s): [Farm and Ranch]]

## [Non-Selective Weed Control for Residential Use]

**ACTIVE INGREDIENT:**

Glufosinate-ammonium.....5.78%

**OTHER INGREDIENTS:** ..... 94.22%

**TOTAL:** ..... 100.00%

Contains 0.5 lbs. of glufosinate-ammonium per gallon.



ADAMA

Consumer & Professional Solutions

**Manufactured for:**

Control Solutions, Inc.  
5903 Genoa Red Bluff  
Pasadena, TX 77507

EPA Reg. No: 53883-469

EPA Est. No: \_\_\_\_\_

Net Contents: \_\_\_\_\_

[Store and transport in an upright position.]

## KEEP OUT OF REACH OF CHILDREN

# CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

*[Alternate text – all or in part: See side panel(s) for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.]*

FIRST AID	
<b>IF IN EYES:</b>	<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>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> </ul>

	<ul style="list-style-type: none"> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.</p>	

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

**CAUTION:** Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources or arable land. Glufosinate ammonium and its degradates have those properties normally associated with pesticides that have been detected in groundwater. Use of this product in areas with coarse soils and high water tables may result in groundwater contamination.

**POLLINATOR ADVISORY:** This product contains an herbicide. Follow all label directions and precautions to minimize potential off-target exposure in order to prevent effects to non-target plants adjacent to the treated site which may serve as habitat or forage for pollinators.

**HOW IT WORKS**

CSI 19-313E Glufosinate 5.78% is a contact herbicide primarily absorbed through the leaves and other green parts so it only kills only what you spray. CSI 19-313E Glufosinate 5.78% starts working as soon as it contacts the plant and weeds usually turn yellow and wilt within 3-5 days with complete kill in 1 to 2 weeks.

**[ALTERNATE TEXT]** CSI 19-313E Glufosinate 5.78% is primarily absorbed through the leaves and other green parts so it only kills only what you spray.

Any of this product that does not get absorbed by plants will be deactivated after it hits the soil. Weeds usually turn yellow and wilt within 3-5 days with complete kill in 1 to 2 weeks.

## SUB-LABEL A: Traditional Layout

### DIRECTIONS FOR USE

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

Shake well before use.

#### USE RESTRICTIONS:

- **DO NOT** allow grazing of vegetation treated with this product.
- In the State of New York only: Not for use in Nassau and Suffolk Counties
- **DO NOT** apply more than 8 fl. oz. (0.0312 lbs. glufosinate-ammonium) per 1,000 ft<sup>2</sup> in a single application.
- **DO NOT** apply more than 26 fl. oz. (0.1 lbs. glufosinate-ammonium) per 1,000 ft<sup>2</sup> per year.
- **DO NOT** apply more than once every 28 days (or a max of 8 applications (at low rate) per 1,000 sq. ft. per year).
- **DO NOT** allow this product to contact leaves, green stems, or exposed roots of desirable lawn grasses, plants, shrubs, or trees – they will be damaged or killed.

**USE PRECAUTIONS:** Read entire label. Application of this product will kill almost all plants contacted. This product does not interfere with root growth or seed germination of untreated desirable plants. While it is possible to reseed or replant immediately after the spray has dried, please wait at least 4 days after application before reseeding or replanting to ensure that this product has had sufficient time to kill the weeds.

Spray when air is calm to avoid spray drift onto desirable plants. If spray contacts desirable foliage, immediately rinse the foliage with water. Use cardboard or plastic to shield desirable plants from spray drift. To avoid tracking product into other areas of desirable vegetation, keep people and pets off of the treated areas until the spray has dried.

#### WHERE TO USE

Use outdoors on patios, paths, walkways, driveways, sidewalks, mulch, and around fences and buildings; in and around flower beds and gardens, and around ornamental shrubs and trees; and to edge landscape areas.

#### AMOUNT TO USE:

##### For Annual Weed Control:

- Add 3-6 fl. oz. (6 to 12 TBS) (0.0117 – 0.0234 lbs. a.i.) per gallon of water and apply as a spot or directed spray application to treat spots in 1,000 sq.ft. Use the higher rate for larger weeds. Use lower rate for easy to kill weeds including (small) seedlings.

##### For Brush, Vines, Woody Plants, Perennials and other tough established weeds:

- Add 6-8 fl. oz. (12 to 16 TBS) (0.0234 – 0.0312 lbs. a.i.) per gallon of water and apply as a spot or directed spray application to treat spots in 1,000 sq.ft. Use the higher rate for larger, well established vegetation.

- No agitation is needed.
- Spray to thoroughly cover foliage, but avoid spray run-off.
- For best results, apply on warm days in bright sunlight.

#### MIXING INSTRUCTIONS

Tank (Pump-Up) Sprayer:

Use a plastic, fiberglass, plastic-lined steel or stainless steel sprayer. **DO NOT** mix, store or apply in a galvanized or unlined steel sprayer/container.

Add specified amount of product to the sprayer then add water to make 1 gallon.  
1 gallon of finished spray treats up to 1,000 sq ft of area.

Clean sprayer after use. Rinse sprayer and all sprayer parts with water 3 [three] times. Spray rinse water on bare soil or gravel.

#### **HOW TO SPRAY**

- Apply as a spot or directed spray application to weeds or grasses.
- 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 because they will die. Not advised for spot weed control in lawns since this product 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 4 hours after application will NOT wash away effectiveness. [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.
- People and pets must not enter treated areas until spray has dried.
- In the State of New York only: Not for use in Nassau and Suffolk Counties.

#### **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 must be cut down and removed.
- Reapplication is often required to kill deeply rooted plants.

#### 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.

#### [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/marestail, 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, trumpet creeper, 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, cedar, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, pine, persimmon, poison oak, poison ivy, poplar, raspberry, rose, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, trumpet creeper, wild rose (multiflora) willow and other tough weeds.

#### **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in a safe place away from direct sunlight. Keep from freezing. Store and transport in an upright position.

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

**PESTICIDE DISPOSAL & CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. **If Empty:** Place in trash or offer for recycling if available. **If Partly Filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

#### **WARRANTY STATEMENT**

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Control Solutions, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Control Solutions, Inc. and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, Control Solutions, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Control Solutions, Inc., and Buyer and User assume the risk of any such use. CONTROL SOLUTIONS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, **IT IS CONTROL SOLUTIONS INC., AND SELLERS INTENTION THAT** in no event shall Control Solutions or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF CONTROL SOLUTIONS, INC., AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF CONTROL SOLUTIONS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

To the extent consistent with applicable law, Control Solutions, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Control Solutions, Inc.

*[In lieu of warranty statement, the following text may be used:]*

Notice – To the extent consistent with applicable law, Buyer assumes all responsibility for safe [tyf](#) and use not in accordance with directions.



## SUB-LABEL B: Alternate Layout

### DIRECTIONS FOR USE

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

Shake well before use.

#### USE RESTRICTIONS:

- **DO NOT** allow grazing of vegetation treated with this product.
- In the State of New York only: Not for use in Nassau and Suffolk Counties
- **DO NOT** apply more than 8 fl. oz. (0.0312 lbs. glufosinate-ammonium) per 1,000 ft<sup>2</sup> in a single application.
- **DO NOT** apply more than 26 fl. oz. (0.1 lbs. glufosinate-ammonium) per 1,000 ft<sup>2</sup> per year.
- **DO NOT** apply more than once every 28 days (or a max of 8 applications (at low rate) per 1,000 sq. ft. per year).
- **DO NOT** allow this product to contact leaves, green stems, or exposed roots of desirable lawn grasses, plants, shrubs, or trees – they will be damaged or killed.

**USE PRECAUTIONS:** Read entire label. Application of this product will kill almost all plants contacted. This product does not interfere with root growth or seed germination of untreated desirable plants. While it is possible to reseed or replant immediately after the spray has dried, please wait at least 4 days after application before reseeding or replanting to ensure that this product has had sufficient time to kill the weeds.

Spray when air is calm to avoid spray drift onto desirable plants. If spray contacts desirable foliage, immediately rinse the foliage with water. Use cardboard or plastic to shield desirable plants from spray drift. To avoid tracking product into other areas of desirable vegetation, keep people and pets off of the treated areas until the spray has dried.

#### WHERE TO USE

Use outdoors on patios, paths, walkways, driveways, sidewalks, mulch, and around fences and buildings; in and around flower beds and gardens, and around ornamental shrubs and trees; and to edge landscape areas.

#### AMOUNT TO USE:

For Weed Control, including control of Brush, Vines, Woody Plants, Perennials and other tough established weeds, add 8 fl. oz. (16 TBS) (0.0312 lbs. a.i.) per gallon of water and apply as a spot or directed spray application to treat 1,000 sq.ft.

- No agitation is needed.
- Spray to thoroughly cover foliage, but avoid spray run-off.
- For best results, apply on warm days in bright sunlight.

#### [Optional Refill Directions]

#### [Optional Mixing Instructions – For Refill Bottles]

*{Note to PM: The following instructions are intended for 8 fl. oz. [10.64 fl. oz.] bottles that can be used to make 1 gal or [1.33 gal] intank sprayers for spot treatments}*

[Instructions] For refill of 1 gallon or [1.33 gallon] jug:  
[1 bottle] [8 fl. oz.] [10.64 fl. oz.] [equals] [=] [makes] [1 gallon] [1.33 gallons]

#### AMOUNT TO USE: For spot treatment application.

- Add entire contents 8 fl. oz. [10.64 fl. oz.] to a 1 gallon [1.33 gallon] container or an empty tank sprayer only.

- Slowly fill [with] [to the fill line indicator] 128 fl. oz. for 1 gallon [170 fl. oz. for 1.33 gallon] of [clean] tap water. Apply to 1,000 sq. ft. [1,333 sq. ft.]

**FOR CSI 19-313E Glufosinate 5.78% [UNIT DOSE] [SINGLES]:** {*Note to Reviewer: This is referring to a product in a 8 fl. oz. – 10.64 fl. oz. size*}

**For 1 gallon Tank Sprayer:**

- Add entire contents (of 1 bottle) [8 fl. oz.] to an empty 1-gallon tank sprayer. Slowly fill with 1 gallon of clean tap water. Apply to 1,000 sq. ft.

**For 1.33 gallon Tank Sprayer:**

- Add entire contents (of 1 bottle) [10.64 fl. oz.] to an empty 1.33 gallon tank sprayer. Slowly fill with 1.33 gallon of clean tap water. Apply to 1,000 sq. ft.

**FOR CSI 19-313E Glufosinate 5.78% :** {*Note to Reviewer: This is referring to a 2 – 8 fl. oz. size. This bottle has a child resistant cap and a viewing window which indicates amount of product dispensed.*}

**To refill 32 ounce Sprayer:**

- Remove Cap. Reference window that shows how much of product is in the bottle. Add [squeeze] [2.0 fl. oz.] to an empty 32 ounce sprayer. Slowly fill with 32 ounces of [clean] tap water. Apply to 250 sq. ft.

**For 1 gallon Sprayer:**

- Remove Cap. Reference window that shows how much of product is in the bottle. Add [squeeze] [8.0 fl. oz.] to an empty 1 gallon. Slowly fill with 1 gallon of [clean] tap water. Apply to 1,000 sq. ft.

**HOW TO SPRAY**

- Apply as a spot or directed spray application to weeds or grasses.
- 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 because they will die. Not advised for spot weed control in lawns since this product 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 4 hours after application will NOT wash away effectiveness. [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.
- People and pets must not enter treated areas until spray has dried.
- In the State of New York only: Not for use in Nassau and Suffolk Counties.

**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 must be cut down and removed.
- Reapplication is often required to kill deeply rooted plants.

#### 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.

### **[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/marestail, 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, cedar, cherry,

coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, pine, persimmon, poison oak, poison ivy, poplar, raspberry, rose, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, trumpet creeper, wild rose (multiflora) willow and other tough weeds.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container in a safe place away from direct sunlight. Keep from freezing. Store and transport in an upright position.

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

**PESTICIDE DISPOSAL & CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. **If Empty:** Place in trash or offer for recycling if available. **If Partly Filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

### WARRANTY STATEMENT

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Control Solutions, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Control Solutions, Inc. and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, Control Solutions, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Control Solutions, Inc., and Buyer and User assume the risk of any such use. CONTROL SOLUTIONS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, IT IS CONTROL SOLUTIONS INC., AND SELLERS INTENTION THAT in no event shall Control Solutions or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF CONTROL SOLUTIONS, INC., AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF CONTROL SOLUTIONS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

To the extent consistent with applicable law, Control Solutions, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Control Solutions, Inc.

*[In lieu of warranty statement, the following text may be used:]*

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

Optional Marketing Statements specific to Sublabel B:

- Pre-measured – Single Dose
- [Free] refill [included]
- Bonus Size
- Combo Pack
- 1 [1.33] gallon/gal refill size
- Easy to use [mix] [refill]
- Premeasured [refill] [bottle]
- Free sample

Optional Marketing Statements Applicable to Both Sub-Labels:

- Make only what you need
- Mix into tank sprayer
- Multipurpose grass and broadleaf weed control
- Next day [this weekend] results: Begins killing on contact, visible results in 24 hours.
- No odor
- No root. No weed. No problem
- Has no soil activity
- Fast acting formula
- 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)
- Proven (trusted) performance
- Provides maximum control: Kills weeds to the root so they don't ever come back
- Quick-action formula lets you see results fast
- RainFast in hours - enters the plant on contact
- Replant (lawn grasses, herbs, vegetables (all), and fruits) 4 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
- Starts working on contact
- Starts working in minutes
- [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 Spot Spraying: Use in and around flowerbeds, ornamental trees, shrubs, fences, driveways and walkways
- [Use] For Stumps
- 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 [hours] [1 day]
- Visible Results in 24 Hours
- See results in 24 hours
- Water based formula
- Weed Eliminator
- Weed Killer
- Kills to the root!
- Around trees in gardens, lawn renovation, weeds, grasses, brush

- Reseed (lawns) in 4 days
- Reseed [lawns] in [just] 4 days
- Kills to the root so weeds won't grow back
- Kills weeds in flower beds and around fences, trees, driveways, walkways and shrubs, in and around patios, paths, sidewalk cracks
- Lawns can be planted 4 days after application
- Ornamental gardens can be reseeded or planted 1 day after treatment
- See results in 1-2 days
- Contains See-Spray [lets you see where you spray]
- Kills tough weeds, roots and all
- [This product] will kill almost all unwanted vegetation, including annual and perennial weeds, grasses, and other unwanted plants
- Use on or around: brush, grasses, trees, weeds.
- [2 1/2 gallons] makes up to [106 1/2] [80] [52.5] [40] gallons. *{Note to reviewer: Mixture volume on label to vary based on equivalent use rate for different packaging sizes}*
- [2 1/2 gallons] covers up to [106,500 sq. ft.] [80,000 sq. ft] [52,500 sq. ft] [40,000 sq. ft.] [16,000 sq. ft] *{Note to reviewer: Area of coverage on label to vary based on equivalent use rate for different packaging sizes}*
- Kills the Root
- Kills weeds, grasses and brush
- Use around trees, gardens, sidewalks, driveways.
- [One gallon] makes up to [42 1/2] [32] [21] [16] gallons. *{Note to reviewer: Mixture volume on label to vary based on equivalent use rate for different packaging sizes}*
- [One gallon] covers up to [42,500 sq. ft. ] [32,000 sq. ft] [21,000 sq. ft.] [16,000 sq. ft] *{Note to reviewer: Area of coverage on label to vary based on equivalent use rate for different packaging sizes}*
- [1/2 gallon] makes up to [21 1/4] [16] [10.5] [8] gallons. *{Note to reviewer: Mixture volume on label to vary based on equivalent use rate for different packaging sizes}*
- [1/2 gallon] covers up to [21,250 sq. ft.] [16,000 sq. ft] [10,500 sq. ft.] [8,000 sq. ft] *{Note to reviewer: Area of coverage on label to vary based on equivalent use rate for different packaging sizes}*
- [One quart] makes up to [10 1/2] [10] [5] [4] gallons. *{Note to reviewer: Mixture volume on label to vary based on equivalent use rate for different packaging sizes}*
- [One quart] covers up to [10,500 sq. ft. ] [10,000 sq. ft] [5,000 sq. ft.] [4,000 sq. ft] *{Note to reviewer: Area of coverage on label to vary based on equivalent use rate for different packaging sizes}*
- [One pint] makes up to [5] [3] [2] gallons. *{Note to reviewer: Mixture volume on label to vary based on equivalent use rate for different packaging sizes}*
- [One pint] covers up to [5000 sq. ft. ] [3,000 sq. ft] [2,000 sq. ft.] *{Note to reviewer: Area of coverage on label to vary based on equivalent use rate for different packaging sizes}*
- Makes up to [42 1/2] [42] [10 1/2] [10] [5] gallons

The following claims used for six (6) months from the first date of shipment to a customer in accordance with Federal and State Registrations.

- New Formula
- New