

53883-59

8/10/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

AUG 10 2009

Ms Amy Warren  
Control Solutions, Inc  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated June 30, 2009 for:

**EPA Registration 53883-59 Eraser Systemic Weed & Grass Killer**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Banza Djapao of my staff at 703-305-7269.

Sincerely,

Linda Arrington *LA*  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

2  
32



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 53883 -59	2. EPA Product Manager Jim Tompkins	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Eraser Systemic Weed and Grass Killer	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507-1041 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: <b>NOTIFICATION</b> EPA Reg. No. _____ Product Name <b>AUG 10 2009</b>	

**Section - II**

Amendment - Explain below.  Final printed labels in response to Agency letter dated \_\_\_\_\_

Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application.

Notification - Explain below.  Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information  
 Label  Container

4. Size(s) Retail Container  
16 oz to 250 gallon tote

5. Location of Label Directions  
 on label

6. Manner in Which Label is Affixed to Product  
 Lithograph Paper glued Stenciled  Other \_\_\_\_\_

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Amy Warren	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) 800-242-5562
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**Certification**  
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature

3. Title  
Regulatory Affairs Specialist

4. Typed Name  
Amy Warren

5. Date  
6-30-09

6. Date Application Received (Stamped)



AUG 10 2009

Martin's

# ERASER

## Systemic Weed & Grass Killer

[Alt. Brand Name: Surrender Brand ERASER Systemic Weed & Grass Killer]

Avoid herbicide contact with foliage, green stems, exposed non-woody roots or fruit of crops, desirable plants and trees because severe injury or destruction may result.

- 41% Concentrate with Surfactant {optional marketing language}
- Product facts: For nonselective broad spectrum control of annual and perennial weeds, woody brush and trees. Refer to label booklet for specific instructions.
- Where to use: Industrial Areas, Recreational Areas, Public Areas {optional marketing language}
- Mixing Rates: Use 1 1/3 oz. per gallon of water to control most annual weeds. Use 2 2/3 oz. to control most perennial weeds. Refer to label booklet for specific instructions. {optional marketing language}

Read the entire label before using this product.  
Use only according to label instructions.  
Read "DISCLAIMER" before buying or using.  
If terms are not acceptable, return product unopened.

**KEEP OUT OF REACH OF CHILDREN**

### WARNING AVISO

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.)

**ACTIVE INGREDIENT:**

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

41.0%

**INERT INGREDIENTS**

59.0%

**TOTAL**

100%

\* 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 365 grams per liter or 3 pounds per U.S. gallon of the acid, glyphosate.

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

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
KEEP OUT OF REACH OF CHILDREN**

**WARNING! AVISO!**

Causes substantial but temporary eye injury. Harmful if inhaled or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before re-use.

**FIRST AID**

**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. Call a Poison Control Center or doctor for treatment advice.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a Poison Control Center or doctor for treatment advice.

**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a Poison Control Center or doctor.

**Have the product container or label with you when calling a Poison Control Center or doctor, or when going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Applicators and other handlers must wear** long sleeved shirt and long pants, shoes plus socks, and protective eyewear. Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering controls statement:** When handlers use closed system, enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if contaminated. Wash thoroughly and put on clean clothing.

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

**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 disposing of equipment washwaters.

**PHYSICAL OR CHEMICAL HAZARDS**

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

6  
32

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 may form a highly combustible gas mixture. This gas mixture could flash or explode causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a 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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

**APPLICATION OF THIS PRODUCT BY AIR IS PROHIBITED.**

**Agricultural Use Requirements**

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: coveralls, waterproof gloves, shoes plus socks, and protective eyewear.

**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 produce agricultural plants on farms, forests, nurseries, or greenhouses.

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

**STORAGE AND DISPOSAL**

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

**Storage and Spill Procedures:** Store upright at room temperature. Avoid exposure to extreme temperatures. Store in a locked area out of reach of children and domestic animals. In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance.

**Container Disposal:**

**If empty** - Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If recycling is not available: then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**If partly filled:** Call your local solid waste agency for disposal instructions. Unless otherwise instructed, place in trash. Never pour unused product down the drain or on the ground.

**For Bulk containers: (Refillable Container)** Refill this container with pesticides only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the re-filler. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

**GENERAL INFORMATION**

**Product Description:**

This product is a post-emergent, systemic herbicide with no soil residue activity. It is generally non-selective and gives broad spectrum control of many annual weeds, perennial weeds, woody brush and trees. It is formulated as a water-soluble liquid. No additional surfactant, additives containing surfactant, buffering agents or pH adjusting agents are needed or recommended. It may be applied through most standard industrial or field-type sprayers after dilution and thorough mixing with water or other carriers according to label instructions. Do not add surfactants, additives containing surfactants, buffering agents or pH adjusting agents to the spray solution when ERASER is the only pesticide used. See the **MIXING DIRECTIONS** section of this label for instructions.

**Time to Symptoms:**

This product moves through the plant from the point of foliage contact to and into the root system. Visible effects on most annual weeds occur within 2 to 4 days, but on most perennial weeds may not occur for 7 days or more. Extremely cool or cloudy weather following treatment may slow activity of this product and delay development of visual symptoms. Visible effects are a gradual wilting and yellowing of the plant which advances to complete browning of above-ground growth and deterioration of underground plant parts.

**Stage of Weeds:**

Annual weeds are easiest to control when they are small. Best control of most perennial weeds is obtained when treatment is made at late growth stages approaching maturity. Refer to the **ANNUAL, PERENNIAL, WOODY BRUSH AND TREES RATE TABLES** for recommendations for specific weeds.

Always use the higher rate of this product per acre within the recommended range when weed growth is heavy or dense or weeds are growing in an undisturbed (non-cultivated) area.

Do not treat weeds under poor growing conditions such as drought stress, disease or insect damage, as reduced weed control may result. Reduced results may also occur when treating weeds heavily covered with dust.

**Cultural Considerations:**

Reduced control may result when applications are made to annual and perennial weeds that have been mowed, grazed, or cut, and have not been allowed to regrow to the recommended stage for treatment.

**Rainfastness:**

Heavy rainfall or irrigation soon after application may wash this product off of the foliage and a repeat application may be required for adequate control.

**Spray Coverage:**

For best results, spray coverage should be uniform and complete. Do not spray weed foliage to the point of runoff.

**Mode of Action:**

The active ingredient in this product inhibits an enzyme found only in plants that is essential to formation of

specific amino acids.

**No Soil Activity:**

Weeds must be emerged at the time of application to be controlled by this product. Weeds germinating from seed after application will not be controlled. Unemerged plants arising from unattached underground rhizomes or root stocks of perennials will not be affected by the herbicide and will continue to grow.

When this product comes in contact with soil, it is bound to soil particles. Under recommended use situations, once this product is bound to soil particles, it is not available for plant uptake and will not harm off-site vegetation where roots grow into the treated area or if soil is transported off-site. The strong affinity of this product to soil particles prevents this product from leaching out of the soil profile and entering ground water.

**Biological Degradation:**

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

**Volatility:**

ERASER is non-volatile. Therefore, it cannot move as a vapor after application to affect nearby vegetation.

**Toxicology Testing:**

Exposure to workers and other applicators generally is expected to pose minimal risks based on results of short-term toxicity studies. Glyphosate has been thoroughly tested and determined not to cause cancer or other adverse long-term health effects.

**Tank Mixing:**

This product does not provide residual weed control. For subsequent residual weed control, follow a label-approved herbicide program. Read and carefully observe the cautionary statements and all other information appearing on the labels of all herbicides used. Use according to the most restrictive label directions for each product in the mixture.

Buyer and all users are responsible for all loss or damage in connection with the use or handling of mixtures of this product with herbicides or other materials that are not expressly recommended in this labeling. Mixing this product with herbicides or other materials not recommended on this label may result in reduced performance.

**Annual Maximum Use Rate:**

For non-crop uses, the combined total of all treatments must not exceed 10.6 quarts of this product per acre per year. \*

\* The annual maximum use rate includes other glyphosate containing products. The maximum use rates stated throughout this product's labeling apply to this product combined with the use of all other herbicides containing glyphosate or sulfosate as the active ingredient, whether applied as mixtures or separately. Calculate the application rates and ensure that the total use of this and other glyphosate or sulfosate containing products does not exceed stated maximum use rate.

**ATTENTION**

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS.

Do not allow the herbicide solution to mist, drip, drift or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the plants or other areas on which treatment was not intended. The likelihood of injury occurring from the use of this product is greatest when winds are gusty or in excess of 5 miles per hour or when other conditions, including lesser wind velocities, will

allow spray drift to occur. When spraying, avoid combinations of pressure and nozzle type that will result in splatter or fine particles (mist), which are likely to drift. **AVOID APPLYING AT EXCESSIVE SPEED OR PRESSURE.**

**NOTE:** Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences. Keep container closed to prevent spills and contamination.

**MIXING DIRECTIONS**

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

**NOTE:** Reduced results may occur if water containing soil is used, such as visibly muddy water or water from ponds and ditches that is not clear.

**Mixing with Water:**

This product mixes readily with water. Mix spray solutions of this product as follows:

1. Fill the mixing or spray tank with the required amount of water.
2. Add the recommended amount of this product near the end of the filling process and mix well.
3. Use caution to avoid siphoning back into the carrier source. Use approved anti-back-siphoning devices required by state or local regulations.
4. During mixing and application, foaming of the spray solution may occur. To prevent or minimize foam, avoid the use of mechanical agitators, terminate by-pass and return lines at the bottom of the tank and, if needed, use an approved anti-foam or defoaming agent.

**Mixing for Hand-Held Sprayers:**

Prepare the desired volume of spray solution by mixing the amount of this product in water as shown in the following table:

**Spray Solution**

Desired Volume	Amount of ERASER					
	½ %	1 %	1 ½ %	2 %	5 %	10 %
1 Gal	2/3 oz	1 1/3 oz	2 oz	2 2/3 oz	6 ½ oz	13 oz
25 Gal	1 pt	1 qt	1 ½ qt	2 qt	5 qt	10 qt
100 Gal	2 qt	1 gal	1 ½ gal	2 gal	5 gal	10 gal
<b>2 tablespoons = 1 fluid ounce</b>						

For use in knapsack sprayers, it is suggested that the recommended amount of this product be mixed with water in a large container. Fill sprayer with the mixed solution.

**APPLICATION EQUIPMENT AND TECHNIQUES**

Do not apply this product through any type of irrigation system. This product may be applied with the following application equipment:

**Ground Broadcast Spray** - Boom or boomless systems, pull-type sprayer, floaters, pick-up sprayers, spray coupes and other ground broadcast equipment.

**Hand-Held and High-Volume Spray Equipment** - Knapsack and backpack sprayers, pump-up pressure sprayers, handguns, handwands, mistblowers\*, lances and other hand-held and motorized spray equipment used to direct spray onto weed foliage.

\* This product is not registered in California or Arizona for use in mistblowers.

**APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES.**

**GROUND BROADCAST EQUIPMENT**

Use the recommended rates of this product in 3 to 40 gallons of water per acre as a broadcast spray unless otherwise specified. As density of weeds increases, spray volume should be increased within the recommended range to ensure complete coverage. Carefully select proper nozzles to avoid spraying a fine mist. For best results with ground application equipment, use flat fan nozzles. Check for even distribution of spray droplets.

**HAND-HELD AND HIGH-VOLUME EQUIPMENT**

Apply to foliage of vegetation to be controlled. For applications made on a spray-to-wet basis, spray coverage should be uniform and complete. Do not spray to the point of runoff. Use coarse sprays only.

For control of weeds listed in the **ANNUAL WEEDS RATE TABLES**, apply a 0.5% solution of this product to weeds less than 6 inches in height or runner length. Apply prior to seedhead formation in grass or bud formation in broadleaf weeds. For annual weeds over 6 inches tall, or unless otherwise specified, use a 1% solution.

For best results, use a 2% solution on harder-to-control perennials, such as bermudagrass, dock, field bindweed, hemp dogbane, milkweed and Canada thistle.

When using application methods which result in less than complete coverage, use a 5% solution for annual and perennial weeds and a 5 to 10% solution for woody brush and trees.

**NON-CROP USES DIRECTIONS**

See **GENERAL INFORMATION, MIXING INSTRUCTIONS** and **APPLICATION EQUIPMENT AND TECHNIQUES** sections of this label for essential product performance information and the following **NON-CROP USES** sections for specific recommended uses.

**EXTREME CARE MUST BE EXERCISED TO AVOID CONTACT OF SPRAY WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE TURFGRASSES, TREES, SHRUBS OR OTHER DESIRABLE VEGETATION SINCE SEVERE DAMAGE OR DESTRUCTION MAY RESULT.**

Repeat treatments may be necessary to control weeds regenerating from underground parts or seeds.

Where repeat applications are necessary, do not exceed 10.6 quarts of this product per acre per year.

This product does not provide residual weed control. For subsequent weed control, follow a label-approved herbicide program.

Read and carefully observe all cautionary statements and all other information appearing on the labels of all herbicides used.

**Industrial, recreational and public areas**

When applied as directed for **NON-CROP USES**, under conditions described, this product controls annual and perennial weeds listed on this label growing in areas such as airports, ditch banks, dry ditches, dry canals, fencerows, golf courses, highways, industrial plant sites, lumberyards, parking areas, parks, petroleum tank farms and pumping installations, pipelines, power and telephone rights-of-way, railroads, roadsides, schools, storage areas, utility substations, other public areas and similar industrial or noncrop areas.

For specific rates of application and instructions for control of various annual and perennial weeds and woody brush and trees, see the **WEEDS RATE TABLES**.

**Cut stump treatments**

Woody vegetation may be controlled by treating freshly cut stumps of trees and resprouts with this product. Apply this product using suitable equipment to ensure coverage of the entire cambium. Cut vegetation close to the soil surface. Apply a 50 to 100 percent solution of this product to the freshly-cut surface immediately after cutting. Delays in application may result in reduced performance. For best results, applications should be made during periods of active growth and full leaf expansion.

When used according to directions for cut stump application, this product will **CONTROL, PARTIALLY CONTROL** or **SUPPRESS** many types of woody brush and tree species, some of which are listed below:

<b>Alder</b> <i>Alnus spp.</i>	<b>Oak</b> <i>Quercus spp.</i>	<b>Sweetgum</b> <i>Liquidambar densiflorus</i>
<b>Eucalyptus</b> <i>Eucalyptus spp.</i>	<b>Reed, giant</b> <i>Arundo donax</i>	<b>Tan Oak</b> <i>Lithocarpus densiflorus</i>
<b>Madrone</b> <i>Arbutus menziesii</i>	<b>Saltcedar</b> <i>Tamarisk spp.</i>	<b>Willow</b> <i>Salix spp.</i>

**Injection and frill applications**

Woody vegetation may be controlled by injection or frill application of this product. Apply this product using suitable equipment that must penetrate into living tissue. Apply the equivalent of 1 ml of this product per each 2 to 3 inches of trunk diameter (DBH). This is best achieved by applying a 50 to 100 percent concentration of this material either to a continuous frill around the tree or as cuts evenly spaced around the tree below all branches. As tree diameter increases in size, better results are achieved by applying diluted material to a continuous frill or more closely spaced cuttings. Avoid application techniques that allow runoff to occur from frill or cut areas in species that exude sap freely after frills or cutting. In species such as this, make frill or a cut at an oblique angle so as to produce a cupping effect and use undiluted material. For best results, application should be made during periods of active growth and after full leaf expansion.

This treatment **WILL CONTROL** the following woody species:

<b>Oak</b> <i>Quercus spp.</i>	<b>Sweetgum</b> <i>Liquidambar styraciflua</i>	<b>Sycamore</b> <i>Platanus occidentalis</i>
<b>Poplar</b> <i>Populus spp.</i>		

This treatment **WILL SUPPRESS** the following woody species:

<b>Black Gum</b> <i>Nyssa sylvatica</i>	<b>Hickory</b> <i>Carya spp.</i>	<b>Maple, red</b> <i>Acer rubrum</i>
<b>Dogwood</b> <i>Cornus spp.</i>		

**ANNUAL WEEDS RATE TABLES**

Water carrier volumes of 3 to 10 gallons per acre for ground applications are recommended.

Apply to actively growing annual weeds.

Do not tank mix with soil residual herbicides when using these rates unless otherwise specified.

For weeds that have been mowed, grazed or cut, allow regrowth to occur prior to treatment.

For those rates less than 48 fluid ounces per acre, this product may be used up to 48 fluid ounces per acre where heavy weed densities exist.

Refer to the following tables for location of the regions listed in the annual weed rate charts below.

**Geographic Location Tables**

<b>NORTHERN REGIONS</b> (Entire state unless specified)	
Connecticut	
Illinois	(North of I-70)
Indiana	(North of Highway 50)
Iowa	
Kansas	(Northeast Corner, East of Highway 77, North of I-70)
Maine	
Massachusetts	
Michigan	
Minnesota	
Missouri	(North of I-70)
<b><u>NORTHERN REGIONS cont.</u></b> (Entire state unless specified)	
Nebraska	(East of I-28)
New Hampshire	
New Jersey	

New York
North Dakota (East of I-83)
Ohio
Pennsylvania
Rhode Island
South Dakota (East of I-83)
Vermont
Wisconsin
<b>SOUTHERN REGIONS</b> (Entire state unless specified)
Alabama
Arkansas
Delaware
Florida
Georgia
Illinois (South of I-70)
Indiana (South of Highway 50)
Kansas (Southeast Corner, South of I-70 and East of Highway 77)
Kentucky
Louisiana
Maryland
Mississippi
Missouri (South of I-70)
North Carolina
Oklahoma (East of I-35)
South Carolina
Tennessee
<b>SOUTHERN REGIONS cont.</b> (Entire state unless specified)
Texas (East of I-35)
Virginia

West Virginia
* Also Refers to Use in: Hawaii Puerto Rico
<b>WESTERN REGIONS</b> (Entire state unless specified)
Alaska
Arizona
California
Colorado
Idaho
Kansas (West of highway 77)
Montana
Nebraska (West of I-28)
Nevada
New Mexico
North Dakota (West of I-83)
Oklahoma (West of I-35)
Oregon
South Dakota (West of I-83)
Texas (West of I-35)
Utah
Washington
Wyoming

**Annual Weeds Rate Table,**  
**North and South Regions**

		ERASER Rate - Fluid Ounces per Acre
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Weeds Species	Regional Differential (if applicable)	12	16	24	32	40	48
		Maximum Height/Length					
Annoda, spurred		-	1"	2"	3"	5"	8"
Barley		-	18"	18" +	-	-	-
Barnyardgrass	South North	- -	3" -	5" 6"	7" 12"	9" -	12" -
Bittercress		-	12"	20"	-	-	-
Bluegrass, annual		-	10"	-	-	-	-
Brassica, fivehook		-	-	-	6"	-	-
Brome, downy		6"	-	-	-	-	-
Brome, Japanese		-	6"	-	24"	-	-
Browntop panicum		-	6"	8"	12"	-	24"
Burcucumber		-	-	6"	12"	-	-
Buttercup		-	12"	20"	-	-	-
Carolina foxtail		-	20"	-	-	-	-
Carolina geranium		-	-	-	4"	-	9"
Carpetweed		-	-	6"	12"	-	-
Cheat		-	6"	20"	-	-	-
Chervil		-	20"	-	-	-	-
Chickweed		-	12"	18"	-	-	-
Cocklebur		-	12"	18"	24"	-	-
Copperleaf, hophornbeam		-	1"	2"	3"	4"	6"
Copperleaf, Virginia		-	1"	2"	3"	4"	6"
Corn		-	12"	20"	-	-	-
Corn speedwell		-	12"	-	-	-	-
Crabgrass		-	12"	18"	-	-	-
Cutleaf, evening primrose		-	-	-	3"	-	6"
Dwarf dandelion		-	20"	-	-	-	-
Eastern mannagrass		-	8"	12"	-	-	-
Eclipta		-	4"	8"	12"	-	-
Weeds Species	Regional Differential (if applicable)	ERASER Rate - Fluid Ounces per Acre					
		12	16	24	32	40	48
		Maximum Height/Length					

Fall panicum	South North	- -	4" 6"	6" 12"	8" 18"	12" -	24" -
Falsedandelion		-	20"	-	-	-	-
Falseflax, small seed		-	12"	-	-	-	-
Fiddleneck		-	-	-	6"	-	12"
Field pennycress		-	6"	12"	-	-	-
Filaree		-	-	-	-	-	12"
Fleabane, annual		-	6"	20"	-	-	-
Fleabane, hairy ( <i>Conyza bonariensis</i> )		-	6"	-	-	-	-
Fleabane, rough		-	3"	6"	12"	-	-
Florida, pusley		-	-	-	12"	-	-
Foxtail	South North	- 18"	8" 18" +	12" -	20" -	- -	- -
Goatgrass, jointed		-	6"	-	-	-	-
Goosegrass		-	3"	5"	8"	-	18"
Grain sorghum (milo)		-	6"	12"	20"	-	-
Groundsel, common		-	6"	-	-	-	-
Hemp sesbania		-	-	2"	4"	6"	8"
Henbit		-	-	-	6"	-	20"
Horseweed / Maretail ( <i>Conyza canadensis</i> )	South North	- -	- 6"	12" 12"	30" 18"	- -	- -
Itchgrass		-	6"	12"	18"	-	-
Jimsonweed		-	-	-	6"	-	12"
Johnsongrass, seedling	South North	- -	- 12"	18" 18"	- -	- -	- -
Junglerice		-	3"	5"	7"	9"	12"
Knotweed		-	3"	8"	12"	-	20"
Kochia <sup>1</sup>		-	3 - 6"	12"	-	-	-
Lambsquarters		-	6"	8"	12"	-	20"
Little barley		-	20"	-	-	-	-
London rocket		-	6"	-	-	-	-
Weeds Species	Regional Differential (if applicable)	ERASER Rate - Fluid Ounces per Acre					
		12	16	24	32	40	48
		Maximum Height/Length					

Mayweed		-	-	2"	6"	12"	18"
Morning glory ( <i>Ipomoea spp.</i> )		-	-	2"	4"	-	6"
Mustard, blue		6"	-	-	-	-	-
Mustard, tansy		6"	12"	20"	-	-	-
Mustard, tumble		6"	-	-	-	-	-
Mustard, wild		6"	12"	18"	-	-	-
Nightshade, black		-	6"	12"	-	-	-
Nightshade, hairy		-	6"	12"	-	-	-
Oats		-	-	6"	20"	-	-
Pigweed		-	12"	18"	24"	-	-
Plains / Tickseed coreopsis		-	5"	12"	18"	-	-
Prickly lettuce		-	6"	12"	20"	-	-
Purslane		-	-	-	6"	-	12"
Ragweed, common	South	-	4"	6"	8"	-	11"
	North	-	6"	12"	18"	-	-
Ragweed, giant		-	-	4"	6"	-	-
Red rice		-	-	-	4"	-	-
Russian thistle		-	-	-	6"	-	-
Rye	South	-	6"	20"	60"	-	-
	North	-	18"	18" +	-	-	-
Ryegrass		-	-	-	6"	-	7" +
Sandbur, field		12"	-	-	-	-	-
Shattercane		-	12"	18"	-	-	-
Shepherd's-purse		-	6"	12"	-	-	-
Sicklepod		-	-	2"	4"	-	8"
Signalgrass, broadleaf		-	3"	5"	7"	9"	12"
Smartweed, ladysthumb		-	4"	6"	8"	-	12"
Smartweed, Pennsylvania		-	4"	6"	8"	-	12"
Sowthistle, annual		-	-	-	6"	-	12"
Spanishneedles		-	-	-	8"	-	18"
Weeds Species	Regional Differential (if applicable)	ERASER Rate - Fluid Ounces per Acre					
		12	16	24	32	40	48
		Maximum Height/Length					

Speedwell, purslane	-	12"	-	-	-	-	
Sprangletop	-	6"	12"	20"	-	-	
Spurge, prostrate	-	6"	12"	20"	-	-	
Spurge, spotted	-	6"	12"	20"	-	-	
Spurry, umbrella	6"	-	-	-	-	-	
Stinkgrass	12"	-	-	-	-	-	
Sunflower	-	12"	18"	-	-	-	
Teaweed / Prickly sida	-	1"	2"	3"	4"	6"	
Texas panicum	-	6"	8"	12"	-	24"	
Velvetleaf	South	-	2"	3"	4"	5"	8"
	North	-	3"	6"	12"	-	-
Virginia pepperweed	-	18"	-	-	-	-	
Waterhemp	-	-	6"	12"	-	-	
Wheat	South	-	6"	30"	-	-	-
	North	-	18"	18" +	-	-	-
Wheat (overwintered)	-	6"	18"	-	-	-	
Wild oats	-	12"	-	-	-	-	
Witchgrass	-	12"	-	-	-	-	
Woolly cupgrass	-	6"	12"	-	-	-	
Yellow rocket	-	-	12"	20"	-	-	

<sup>1</sup> Do not treat kochia in the button stage.

**Annual Weeds Rate Table,  
West Region**

Weeds Species	ERASER Rate - Fluid Ounces per Acre				
	12	16	24	32	48
	Maximum Height/Length				
Barley	12"	-	-	-	-
Barnyardgrass	6"	-	-	-	-
Bluegrass, annual	6"	-	-	-	-
Bluegrass, bulbous	-	6"	-	-	-
Weeds Species	ERASER Rate - Fluid Ounces per Acre				
	12	16	24	32	48
	Maximum Height/Length				

Brome, downy	6"	-	-	-	-
Buttercup	-	12"	-	-	-
Cheat	-	6"	-	-	-
Chickweed	-	6"	-	-	-
Cocklebur	-	12"	-	-	-
Corn	-	6"	-	-	-
Crabgrass	-	12"	-	-	-
Dwarf dandelion	-	12"	-	-	-
Fall panicum	-	12"	-	-	-
Falseflax, smallseed	-	12"	-	-	-
Field pennycress	-	6"	-	-	-
Filaree	-	-	-	-	12"
Fleabane, hairy ( <i>Conyza bonariensis</i> )	-	6"	-	-	-
Florida pusley	-	-	-	12"	-
Foxtail	8 fl. oz. For up to 12"				
Goatgrass, jointed	-	6"	-	-	-
Groundsel, common	-	6"	-	-	-
Henbit	-	6"	-	-	-
Horseweed / Maretail ( <i>Conyza canadensis</i> )	-	6"	-	-	-
Johnsongrass, seedling	-	12"	-	-	-
Lambsquarters	-	6"	-	-	-
London rocket	-	6"	-	-	-
Morning glory ( <i>Ipomoea spp.</i> )	-	2"	-	-	-
Mustard, blue	6"	-	-	-	-
Mustard, tansy	6"	-	-	-	-
Mustard, tumble	6"	-	-	-	-
Mustard, wild	6"	-	-	-	-
Pigweed	-	12"	-	-	-
Rye	12"	-	-	-	-
Weeds Species	ERASER Rate - Fluid Ounces per Acre				
	12	16	24	32	48
	Maximum Height/Length				

Ryegrass, Italian	-	6"	-	-	-
Sandbur, field	12"	-	-	-	-
Shattercane	12"	-	-	-	-
Shepherd's purse	-	6"	-	-	-
Sowthistle, annual	-	6"	-	-	-
Spurge, annual	-	6"	-	-	-
Stinkgrass	12"	-	-	-	-
Texas panicum	-	12"	-	-	-
Wheat	18"	-	-	-	-
Wild oats	-	12"	-	-	-
Witchgrass	-	12"	-	-	-

**Annual Weeds - Water Carrier Volumes of 10 to 40 Gallons per Acre**

Apply 1 to 1.5 quarts of this product per acre. Use 1 quart per acre if weeds are less than 6 inches tall and 1.5 quarts per acre if weeds are over 6 inches tall.

These rates will provide control of weeds listed in the annual weed control tables when water carrier volumes are 10 to 40 gallons per acre for ground applications.

**PERENNIAL WEEDS RATE TABLE**

Apply to actively growing perennial weeds.

**NOTE:** If weeds have been mowed or disturbed, do not treat until plants have resumed active growth and have reached the recommended stages.

Repeat treatments may be necessary to control weeds regenerating from underground parts or seed.

Do not treat when weeds are under drought stress as good soil moisture is necessary for active growth.

For hand-held sprayers, prepare the desired volume of spray solution by mixing the amount of this product in water as shown in the following table.

Spray Solution

Desired Volume	Amount of ERASER					
	½ %	1 %	1 ½ %	2%	5%	10%
1 Gal	2/3 oz	1 1/3 oz	2 oz	2 2/3 oz	6 ½ oz	13 oz
25 Gal	1 pt	1 qt	1 ½ qt	2 qt	5 qt	10 qt
100 Gal	2 qt	1 gal	1 ½ gal	2 gal	5 gal	10 gal
<b>2 tablespoons = 1 fluid ounce</b>						

Weeds Species	ERASER (QT/A)	Water Volume (GPA)	Hand-Held % Solution	Comments
Alfalfa	1	3 - 10	2%	Make applications after the last hay cutting in the fall. Allow alfalfa to regrow to a height of 6 to 8 inches or more prior to treatment. Applications should be followed with deep tillage at least 7 days after treatment, but before soil freeze-up.
Alligatorweed	4	3 - 20	1.5%	Partial control. Apply when most of the plants are in bloom. Repeat applications will be required to maintain control.
Anise (fennel)	-	-	1 - 2%	Apply as a spray-to-wet treatment. Optimum results are obtained when plants are treated at the bud to full-bloom stage of growth.
Bahiagrass	3 - 5	3 - 20	2%	Apply when most plants have reached the early head stage.
Bermudagrass	3 - 5	3 - 20	2%	For control, apply 5 quarts of this product per acre. For partial control, apply 3 quarts per acre. Treat when bermudagrass is actively growing and seedheads are present. Retreatment may be necessary to maintain control.
Bermudagrass, water (knotgrass)	1-1.5	5 - 10	2%	Apply 1.5 quarts of this product in 5 to 10 gallons of water per acre. Apply when water bermudagrass is 12 to 18 inches in length. Allow 7 or more days before tilling, flushing or flooding the field. Fall applications only: Apply 1 quart of this product in 5 to 10 gallons of water per acre. Apply prior to frost on water bermudagrass that is 12 to 18 inches in length. This product is not registered in California for use on water bermudagrass.
Bindweed, field	0.5 - 5	3 - 20	2%	Do not treat when weeds are under drought stress as good soil moisture is necessary for active growth. For control, apply 4 to 5 quarts of this product per acre west of the Mississippi River and 3 to 4 quarts east of the Mississippi River. Apply when weeds are at or beyond full bloom. For best results, apply in late summer or fall. Fall treatments must be applied before a killing frost. Also for control, apply 2 quarts of this product plus 0.5 pound active ingredient of Banvel® in 10 to 20 gallons of water per acre. For suppression, apply 16 fluid ounces of this product plus 0.5 pound active ingredient of 2,4-D in 3 to 10 gallons of water per acre for ground applications. Applications should be delayed until maximum emergence has occurred and when vines are between 6 to 18 inches in length. <b>In California only</b> , apply 1 to 5 quarts of this product per acre. Actual rate needed for suppression or control will vary within this range depending on local conditions. For suppression on irrigated land where annual tillage is performed, apply 1 quart of this product in 3 to 10 gallons of water per acre. Apply to bindweed that has reached a length of 12 inches or greater. Allow a maximum weed emergence and runner growth. Allow 3 or more days after application before mowing or disturbing treated vegetation.
Bluegrass,	1 - 2	3 - 40	2%	Apply 2 quarts of this product in 10 to 40 gallons of water per acre when most plants have

Kentucky				reached boot-to-early seedhead development. Apply to actively growing plants when most have reached 4 to 12 inches in height.
Blueweed, Texas	3 - 5	3 - 40	2%	Apply 4 to 5 quarts of this product per acre west of the Mississippi River and 3 to 4 quarts per acre east of the Mississippi River. Apply when plants are at or beyond full bloom. New leaf development indicates active growth. For best results, apply in late summer or fall. Fall treatments must be applied before a killing frost.
Brackfern	3 - 4	3 - 40	1 - 1.5%	Apply to fully expanded fronds which are least 18 inches long.
Bromegrass, smooth	1 - 2	3 - 40	2%	Apply 2 quarts of this product in 10 to 40 gallons of water per acre when most plants have reached boot-to-early seedhead stage of development. Apply to actively growing plants when most have reached 4 to 12 inches in height.
Bursage, woolly-leaf	See comments	3 - 20	2%	For control, apply 2 quarts of this product plus 1 pint of Banvel® per acre. For partial control, apply 1 quart of this product plus 1 pint of Banvel® per acre. Apply when plants are producing new active growth which has been initiated by moisture for at least 2 weeks and when plants are at or beyond flowering.
Canarygrass, reed	2 - 3	3 - 40	2%	For best results, apply when most plants have reached the boot-to-head stage of growth.
Cattail	3 - 5	3 - 40	2%	Apply when most plants have reached the early head stage.
Clover; red, white	3 - 5	3 - 20	2%	Apply when most plants have reached the early bud stage.
Cogongrass	3 - 5	10 - 40	2%	Apply when cogongrass is at least 18 inches tall in late summer or fall. Due to uneven stages of growth and the dense nature of vegetation preventing good spray coverage, repeat treatments may be necessary to maintain control.
Dallisgrass	3 - 5	3 - 20	2%	Apply when most plants have reached the early head stage.
Dandelion	3 - 5	3 - 40	2%	Apply when most plants have reached the early bud stage. Also for control, apply 16 fluid ounces of this product plus 0.5 pound active ingredient 2,4-D in 3 to 10 gallons of water per acre.
Dock, curly	3 - 5	3 - 40	2%	Apply when most plants have reached the early bud stage of growth. Also for control, apply 16 fluid ounces of this product plus 0.5 pound active ingredient 2,4-D in 3 to 10 gallons of water per acre.
Dogbane, hemp	4	3 - 40	2%	Apply when most plants have reached the late bud to flower stage of growth. For best results, apply in late summer or fall. For suppression, apply 16 fluid ounces of this product plus 0.5 pound active ingredient of 2,4-D in 3 to 10 gallons of water per acre for ground applications Delay applications until maximum emergence of dogbane has occurred.

Fescue (except tall)	3 - 5	3 - 20	2%	Apply when most plants have reached the early head stage.
Fescue, tall	1 - 3	3 - 40	2%	Apply 3 quarts of this product per acre when most plants have reached boot-to-early seedhead stage of development. Fall applications only: Apply 1 quart of this product in 3 to 10 gallons of water per acre. Apply to fescue in the fall when plants have 6 to 12 inches of new growth. A sequential application of 1 pint per acre of this product will improve long-term control and control of seedlings germinating after fall treatments or the following spring.
Guineagrass	3	3 - 40	1%	Apply when most plants have reached at least the 7-leaf stage of growth. Ensure thorough coverage when using hand-held equipment.
Horsenettle	3 - 5	3 - 20	2%	Apply when most plants have reached the early bud stage.
Horseradish	4	3 - 40	2%	Apply when most plants have reached the late bud to flower stage of growth. For best results, apply in late summer or fall.
Iceplant	-	-	1.5 - 2%	Iceplant should be at or beyond the early bud stage of growth. Thorough coverage is necessary for best control.
Jerusalem artichoke	3 - 5	3 - 20	2%	Apply when most plants are in the early bud stage.
Johnsongrass	0.5 - 3	3 - 40	1%	For burndown of Johnsongrass, apply 1 pint of this product in 3 to 10 gallons of water per acre before the plants reach a height of 12 inches. For this use, allow at least 3 days after treatment before mowing or disturbing treated vegetation. Spot treatment (partial control or suppression) – Apply a 1 percent solution of this product when Johnsongrass is 12 to 18 inches in height. Coverage should be uniform and complete.
Kikuyugrass	2 - 3	3 - 40	2%	Spray when most kikuyugrass is at least 8 inches in height (3 or 4 leaf stage of growth). Allow 3 or more days after application before tillage.
Knapweed	4	3 - 40	2%	Apply when most plants have reached the late bud to flower stage of growth. For best results, apply in late summer or fall.
Lantana	-	-	1 - 1.25%	Apply at or beyond the bloom stage of growth. Use the higher application rate for plants that have reached the woody stage of growth.
Lespedeza	3 - 5	3 - 20	2%	Apply when most plants have reached the early bud stage.
Milkweed (common)	3	3 - 40	2%	Apply when most plants have reached the late bud to flower stage of growth.
<b>Weeds Species</b>	<b>ERASER Rate</b>	<b>Water Volume (GPA)</b>	<b>Hand-Held % Solution</b>	<b>Comments</b>

	(QT/A)			
Muhly, wirestem	1 - 2	3 - 40	2%	Use 1 quart of this product in 3 to 10 gallons of water per acre. Use 2 quarts of this product when applying 10 to 40 gallons of water per acre. Spray when the wirestem muhly is 8 inches or more in height. Allow 3 or more days after application before mowing or disturbing treated vegetation.
Mullein, common	3 - 5	3 - 20	2%	Apply when most plants are in the early bud stage.
Napiergrass	3 - 5	3 - 20	2%	Apply when most plants are in the early head stage.
Nightshade, silverleaf	2	3 - 10	2%	Applications should be made when at least 60% of the plants have berries. Fall treatments must be applied before a killing frost.
Nutsedge; purple, yellow	0.5 - 3	3 - 40	1 - 2%	Apply 3 quarts of this product per acre or apply a 1 to 2% solution for control of nutsedge plants and immature nutlets attached to treated plants. Treat when plants are in flower or when new nutlets can be found at rhizome tips. Nutlets which have not germinated will not be controlled and may germinate after treatment. Repeat treatments will be required for long-term control of ungerminated tubers. Sequential applications: 1 to 2 quarts of this product in 3 to 10 gallons of water per acre will also provide control. Make applications when a majority of the plants are in the 3 to 5-leaf stage (less than 6 inches tall). Repeat this application, as necessary, when newly emerging plants reach the 3 to 5-leaf stage. Subsequent applications will be necessary for long-term control. For partial control of existing plants, apply 1 pint to 2 quarts of this product in 3 to 40 gallons of water per acre. Treat when plants have 3 to 5 leaves and most are less than 6 inches tall. Repeat treatments will be required to control subsequent emerging plants or regrowth of existing plants.
Orchardgrass	1 - 2	3 - 40	2%	Apply 2 quarts of this product in 10 to 40 gallons of water per acre when most plants have reached boot-to-early seedhead stage of development. Apply to actively growing plants when most have reached 4 to 12 inches in height. Allow at least 3 days following application before mowing or disturbing treated vegetation. A sequential application of atrazine will be necessary for optimum results.
Pampasgrass	-	-	1.5 - 2%	Pampasgrass should be at or beyond the boot stage of growth. Thorough coverage is necessary for best control.
<b>Weeds Species</b>	<b>Rate (QT/A)</b>	<b>Water Volume (GPA)</b>	<b>Hand-Held % Solution</b>	<b>Comments</b>
Paragrass	3 - 5	3 - 20	2%	Apply when most plants are in the early head stage.
Phragmites	3 - 5	10 - 40	1 - 2%	For partial control. For best results, treat during late summer or fall months or when plants are actively growing and in full bloom. Treatment before or after this stage may lead to reduced control. Due to the dense nature of the vegetation, which may prevent good spray coverage

				or uneven stages of growth, repeat treatments may be necessary to maintain control. Visual control symptoms will be slow to develop.
Poison hemlock	-	-	1 - 2%	Apply as a spray-to-wet treatment. Optimum results are obtained when plants are treated at the bud to full-bloom stage of growth.
Quackgrass	1 - 3	3 - 40	2%	Apply 1 quart of this product in 3 to 10 gallons of water per acre. For 10 to 40 gallons of water per acre, apply 2 quarts of this product. Do not tank mix with residual herbicides when using 1 quart rate. Spray when quackgrass is 6 to 8 inches in height. Allow 3 or more days after application before mowing or disturbing treated vegetation. Apply 2 to 3 quarts of this product in 10 to 40 gallons of water per acre when quackgrass is greater than 8 inches tall.
Redvine	0.75 - 2	5 - 10	2%	For suppression, apply 24 fluid ounces of this product per acre at each of two applications 7 to 14 days apart or a single application of 2 quarts per acre. Apply recommended rates of 5 to 10 gallons of water per acre. Apply in late September or early October to plants which are at least 18 inches tall and have been growing 45 to 60 days since the last tillage mowing operation. Make applications at least 1 week before a killing frost.
Reed, giant	-	-	2%	Best results are obtained when applications are made in the late summer to fall.
Ryegrass, perennial	1 - 3	3 - 40	1%	Apply 1 quart of this product in 3 to 10 gallons of water per acre. Use 2 quarts of this product in 3 to 10 gallons of water per acre. Apply 2 to 3 quarts of this product in 10 to 40 gallons of water per acre. For best results, apply when most plants have reached the boot-to-head stage of growth or in the fall prior to frost. Do not tank-mix with residual herbicides when using 1 quart per acre rate.
Smartweed, swamp	3 - 5	3 - 40	2%	Apply when most plants have reached the early bud stage of growth. Also for control, apply 16 fluid ounces of this product plus 0.5 pound active ingredient of 2,4-D in 3 to 10 gallons of water per acre in the late summer or fall.
Spurge, leafy	-	3 - 10	2%	For suppression, apply 16 fluid ounces of this product plus 0.5 pound a.i. 2,4-D in 3 to 10 gallons of water per acre in the late summer or fall. If mowing has occurred prior to treatment, apply when most of the plants are 12 inches tall.
Starthistle, yellow	2	10 - 40	2%	Best results are obtained when applications are made during the rosette, bolting and early flower stages.
Sweet potato, wild	-	-	2%	Partial control. Apply to plants that are at or beyond the bloom stage of growth. Repeat applications may be required.
Thistle, artichoke	-	-	2%	Partial control. Apply to plants that are at or beyond the bloom stage of growth. Repeat applications may be required.
Thistle,	2 - 3	3 - 40	2%	Apply when most plants are at or beyond the bud stage of growth. After mowing allow at least 4 weeks for initiation of active regrowth and rosette development prior to the application of

Canada				<p>this product. Fall treatments must be applied before a killing frost. Allow 3 or more days after application before mowing or disturbing treated vegetation.</p> <p>For suppression, apply 1 quart of this product., or 1 pint of this product plus 0.5 pound active ingredient 2,4-D, in 3 to 10 gallons of water per acre in the late summer or fall after, mowing. Allow rosette regrowth to a minimum of 6 inches in diameter before treating. Applications can be made as long as leaves are still green and plants are actively growing at the time of application. Allow 3 or more days after application before mowing or disturbing treated vegetation.</p>
Timothy	2 - 3	3 - 40	2%	For best results, apply when most plants have reached the boot-to-head stage of growth.
Torpedoglass	4 - 5	3 - 40	2%	For partial control. Apply when most plants are at or beyond the seedhead stage of growth. Repeat applications will be required to maintain control. Fall treatments must be applied before frost.
Trumpet creeper	2	5 - 10	2%	Partial control. Apply in late September or October, to plants which are at least 18 inches tall and have been growing 45 to 60 days. Make applications at least 1 week before a killing frost.
Vaseygrass	3 - 5	3 - 20	2%	Apply when most plants are in the early head stage.
Velvetgrass	3 - 5	3 - 20	2%	Apply when most plants are in the early head stage.
Wheatgrass, western	2 - 3	3 - 40	2%	For best results, apply when most plants have reached the boot-to-head stage of growth.

### WOODY BRUSH AND TREES RATE TABLE

Apply this product after full leaf expansion, unless otherwise directed. Use higher rate for larger plants and/or dense areas of growth. On vines, use the higher rate for plants that have reached the woody stage of growth. Best results are obtained when application is made in late summer or fall after fruit formation.

In arid areas, best results are obtained when applications are made in the spring to early summer when brush species are at high moisture content and are flowering.

Ensure thorough coverage when using hand-held equipment. Symptoms may not appear prior to frost or senescence with fall treatments.

Allow 7 or more days after application before mowing or removal. Repeat treatments may be necessary to control plants regenerating from underground parts or seed. Some autumn colors on undesirable deciduous species are acceptable provided no major leaf drop has occurred. Reduced performance may result if fall treatments are made following a frost.

Weeds Species	ERASER Rate (QT/A)	Water Volume (GPA)	Hand-Held % Solution	Comments
Alder	3 - 4	3 - 40	1 - 1.5%	For control
Ash	2 - 5	3 - 40	1 - 2%	Partial control
Aspen, quaking	2 - 3	3 - 40	1 - 1.5%	For control
Bearmat (Bearclover)	2 - 5	3 - 40	1 - 2%	Partial control
Beech	2 - 5	3 - 40	1 - 2%	Partial control
Birch	2	3 - 40	1%	For control
Blackberry	3 - 4	10 - 40	1 - 1.5%	For control. Make applications after plants have reached full leaf maturity. Best results are obtained when applications are made in late summer or fall. Applications may also be made after leaf drop and until a killing frost or as long as stems are green. After berries have set or dropped in late fall, blackberry can be controlled by applying a 3/4% solution of this product. For control of blackberries after leaf drop and until killing frost or as long as stems are green, apply 3 to 4 quarts of this product in 10 to 40 gallons of water per acre.
Blackgum	2 - 5	3 - 40	1 - 2%	For control
Bracken	2 - 5	3 - 40	1 - 2%	For control
Broom: French, Scotch	-	-	1.5 - 2%	For control

Weeds Species	ERASER Rate (QT/A)	Water Volume (GPA)	Hand-Held % Solution	Comments
Buckwheat, California	-	-	1 - 2%	For partial control. Thorough coverage of foliage is necessary for best results.
Cascara	2 - 5	3 - 40	1 - 2%	Partial control
Catsclaw	-	-	1 - 1.5%	Partial control
Ceanothus	2 - 5	3 - 40	1 - 2%	Partial control
Chamise	-	-	1%	For control. Thorough coverage of foliage is necessary for best results.
Cherry: bitter, black, pin	2 - 3	3 - 40	1 - 1.5%	For control
Coyote brush	-	-	1.5 - 2%	For control. Apply when at least 50% of the new leaves are fully developed.
Dogwood	2 - 5	3 - 40	1 - 2%	Partial control
Elderberry	2	3 - 40	1%	For control
Elm	2 - 5	3 - 40	1 - 2%	Partial control
Eucalyptus	-	-	2%	For control of eucalyptus resprouts, apply when resprouts are 6 to 12 feet tall. Ensure complete coverage. Avoid application to drought-stressed plants.
Florida holly (Brazilian Peppertree)	2 - 5	3 - 40	1 - 2%	Partial control
Gorse	2 - 5	3 - 40	1 - 2%	Partial control
Hazardia	-	-	1 - 2%	Partial control. Thorough coverage of foliage is necessary for best results.
Hawthorn	2 - 3	3 - 40	1 - 1.5%	For control
Hazel	2	3 - 40	1%	For control
Hickory	2 - 5	3 - 40	1 - 2%	Partial control
Honeysuckle	3 - 4	3 - 40	1 - 1.5%	For control
Hornbeam, American	2 - 5	3 - 40	1 - 2%	Partial control

Weeds Species	ERASER Rate (QT/A)	Water Volume (GPA)	Hand-Held % Solution	Comments
Kudzu	4	3 - 40	2%	For control. Repeat applications may be required to maintain control.
Locust, black	2 - 4	3 - 40	1 - 2%	Partial control
Madrone resprouts	-	-	2%	Partial control. Apply to resprouts that are 3 to 6 feet tall. Best results are obtained with spring or early summer treatments.
Manzanita	2 - 5	3 - 40	1 - 2%	Partial control
Maple, red	2 - 4	3 - 40	1 - 1.5%	For control, apply a 1 to 1.5% solution when at least 50% of the new leaves are fully developed. For partial control, apply 2 to 4 quarts of this product per acre.
Maple, sugar	-	-	1 - 1.5%	For control. Apply when at least 50% of the new leaves are fully developed.
Monkey flower	-	-	1 - 2%	Partial control. Thorough coverage of foliage is necessary for best results.
Oak; black, white	2 - 4	3 - 40	1 - 2%	Partial control
Oak, post	3 - 4	3 - 40	1 - 1.5%	For control
Oak; northern, pin	-	-	1 - 1.5%	For control. Apply when at least 50% of the new leaves are fully developed.
Oak, southern red	2 - 3	3 - 40	1 - 1.5%	For control
Persimmon	2 - 5	3 - 40	1 - 2%	Partial control
Pine	2 - 5	3 - 40	1 - 2%	For control
Poison ivy / Poison oak	4 - 5	3 - 40	2%	For control. Repeat applications may be required to maintain control. Fall treatments must be applied before leaves lose green color.
Poplar, yellow	2 - 5	3 - 40	1 - 2%	Partial control
Redbud, eastern	2 - 5	3 - 40	1 - 2%	For control
Rose, multiflora	2	3 - 40	1%	For control. Treatments should be made prior to leaf deterioration by leaf-eating insects.
Russian olive	2 - 5	3 - 40	1 - 2%	Partial control

Sage, black	-	-	1%	For control. Thorough coverage of foliage is necessary for best results.
Sage, white	2 - 5	3 - 40	1 - 2%	Partial control
Sage brush, California	-	-	1%	For control. Thorough coverage of foliage is necessary for best results.
Salmonberry	2	3 - 40	1%	For control
Salt-cedar	2 - 5	3 - 40	1 - 2%	For control
Sassafras	2 - 5	3 - 40	1 - 2%	Partial control
Sourwood	2 - 5	3 - 40	1 - 2%	Partial control
Sumac; poison, smooth, winged	2 - 4	3 - 40	1 - 2%	Partial control
Sweetgum	2 - 3	3 - 40	1 - 1.5%	For control
Swordfern	2 - 5	3 - 40	1 - 2%	Partial control
Tallowtree, Chinese	-	-	1%	For control. Thorough coverage of foliage is necessary for best results.
Tan oak resprouts	-	-	2%	For partial control. Apply to resprouts that are less than 3 to 6 feet tall. Best results are obtained with fall applications.
Thimbleberry	2	3 - 40	1%	For control
Tobacco, tree	-	-	1 - 2%	Partial control
Trumpet creeper	2 - 3	3 - 40	1 - 1.5%	For control
Vine maple	2 - 5	3 - 40	1 - 2%	Partial control
Virginia creeper	2 - 5	3 - 40	1 - 2%	For control
Waxmyrtle, southern	2 - 5	3 - 40	1 - 2%	Partial control
Willow	3	3 - 40	1%	For control

31/22

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