



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

2217-1018

Date of Issuance:

8/25/17

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

EH-1594 HERBICIDE

Name and Address of Registrant (include ZIP Code):

Eric D. Smith
Federal Registration Manager
PBI/Gordon Corporation
P.O. Box 014090
Kansas City, Missouri 64101

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

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

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

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

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

Kathryn V. Montague, Product Manager 23
Herbicide Branch, Registration Division (7505P)

Date:

8/25/17

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 2217-1018.”
4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under 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 these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 10/31/2016
- Alternate CSF 1 dated 10/31/2016
- Alternate CSF 2 dated 10/31/2016
- Alternate CSF 3 dated 10/31/2016

If you have any questions, please contact Shanta Adeeb by phone at 703-347-0502, or via email at adeeb.shanta@epa.gov

Enclosure

ACCEPTED

08/25/2017

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 2217-1018

EH-1594 HERBICIDE

EPA Reg. No. 2217-XXXX

Not for sale, distribution or use in Nassau or Suffolk Counties in New York State.

ACTIVE INGREDIENTS:

2,4-D, 2-ethylhexyl ester	57.73%
MCPP-p acid	8.74%
Dicamba acid	3.61%
Sulfentrazone	1.63%
OTHER INGREDIENTS	<u>28.29%</u>
TOTAL	100.00%

THIS PRODUCT CONTAINS:

- 3.52 lb 2,4-dichlorophenoxyacetic acid equivalent per gallon or 38.44%
- 0.80 lb (+)-(R)-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 8.74%
- 0.33 lb 3,6-dichloro-o-anisic acid equivalent per gallon or 3.61%
- 0.15 lb N-[2,4-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]phenyl]methanesulfonamide per gallon or 1.63%

Isomer Specific by AOAC Methods.

Contains petroleum distillates.

KEEP OUT OF REACH OF CHILDREN

DANGER

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 eye. Call a poison control center or doctor for treatment advice. **If swallowed:** Call a poison control center or doctor immediately for treatment advice. Do not give any liquids to the person. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. **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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

See attached booklet [inside pages] for complete Precautionary Statements and Directions for Use, including Storage and Disposal.

Net Contents: _____
EPA Est. No. _____

Company Name and Address:

PBI/Gordon Corporation
1217 West 12th Street
Kansas City, Missouri 64101



PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes, on skin, or on 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

Personal Protective Equipment (PPE)

All mixers, loaders, applicators and other handlers must wear*:

- protective eyewear (goggles, face shield, or safety glasses),
- long-sleeved shirt and long pants,
- shoes and socks, plus
- chemical-resistant gloves made of barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥14 mils, or viton ≥14 mils(except for applicators using ground boom equipment), and
- chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

* Applicators may choose not to wear protective eyewear when dilution is with water only and dilution rates are greater (higher) than 10:1 or greater (higher) than 10 parts of water to 1 part of product.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

User Safety Recommendations

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

First Aid

If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Do not give any liquids to the person.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If on skin:	<ul style="list-style-type: none">• 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.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Contains petroleum distillates. Vomiting may cause aspiration pneumonia.	

Environmental Hazards

This pesticide may be toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

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. Do not enter or allow people (or pets) to enter the treated area until sprays have dried.

1. Product Description

EH-1594 HERBICIDE contains four active ingredients that, in combination, provide fast visual activity, broaden the spectrum of weed control, and offer multiple modes of action for resistance management.

EH-1594 HERBICIDE offers these advantages:

- Excellent postemergent activity with proven performance for broadleaf weed control in turfgrass. This product exhibits improved cool-weather performance compared to standard "3-way amines."
- High selectivity (turfgrass safety) in established cool-season turfgrass and warm-season turfgrass.
- Rapid and effective weed control for common and troublesome [tough] weed species in turfgrass, including: dandelion, spurge, [and] white clover [and dollarweed (pennywort)].
- The speed of action and the early weed injury symptoms are features of this active ingredient combination compared to standard "3-way amines." Often, the weed injury symptoms can be noticed within hours of the application and plant death can occur within 10 to 14 days.
- This product is rainfast in as little as 3 hours.

2. Spray Preparation And Tank Mixtures

For All Tank Mixtures: It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Mixing With Water:

Add one-half the required amount of water to the spray tank, then add EH-1594 HERBICIDE slowly with agitation, and complete filling the tank with water. Mix thoroughly and continue agitation while spraying.

When this product is left standing for extended periods of time, re-agitate to assure uniformity of the spray mixture.

Do not use tank additives that alter the pH of the spray solution below pH 5 or above pH 8. Buffer the spray solution to alter the pH range as appropriate.

Mixing With Liquid Fertilizers:

ALWAYS PREMIX EH-1406 Broadleaf Herbicide WITH WATER BEFORE ADDING TO FLUID FERTILIZERS. For liquid nitrogen solutions such as U.A.N. or urea solutions. use a premix of 1 part of

this product with 4 parts of water or use a premix with a 1:4 ratio of product to water. For other fluid fertilizers such as suspensions, use a premix of 1 part of this product with 50 to 60 parts of water.

Use suitable sources and rates of fertilizer based upon local recommendations. Refer to the mixing directions on the labels of the liquid fertilizers. Always perform a jar test for compatibility before large scale mixing.

The jar test can be conducted by mixing all components in a small container in proportionate quantities. If the mixture separates after standing and can be mixed readily by shaking, then the mixture can be used and applied with spray equipment providing continuous agitation. If large flakes, sludge, gels or other precipitates form, or if a separate oily layer or oil globules appear, then the herbicide and the liquid fertilizer should not be prepared as a tank mixture.

Mixing With Adjuvants And Spray Additives:

Adjuvants (such as surfactants, spreaders, spreader-stickers, spray thickeners, foaming agents, activators, detergents, and drift reducing agents) combined with this product can damage the leaf tissue of turfgrass. If any discoloration or cosmetic effects are objectionable or would be unacceptable, then adjuvant(s) combined with EH-1594 HERBICIDE would not be recommended. Do not use adjuvants and spray additive tank-mix combinations, unless your experience indicates that the tank mixture will not result in turf injury.

3. Ground Equipment

Spray distribution: The accuracy and uniformity of the herbicide distribution is the sole responsibility of the applicator. Power sprayers fitted with a boom or spray wand/gun may be used for broadcast applications and spot treatments. Boom sprayers equipped with appropriate flat fan nozzles, tips, and screens are suitable for broadcast applications. For best spray distribution and coverage, select a spray volume and delivery system that will ensure accurate and uniform coverage.

Spray volumes of 10 to 220 gallons per acre with spray pressures adjusted to between 20 to 40 psi. Use higher spray volumes for dense weed populations (up to 220 gallons per acre or 5 gallons per 1000 square feet).

- Calibration and proper application are essential when using this product.
- Over-application or rates above those specified on this label can cause turf injury.
- Hand-held technique: Wands fitted with flat fan nozzle tips may be used with the appropriate technique. Flat fan nozzles should not be waved in a back-and-forth motion, or in a side-to-side motion, or in a swinging arm motion. Instead, the nozzle should be held stationary at the proper height. Side-to-side motion results in uneven coverage.

Hand-operated sprayers including backpack sprayers, compression sprayers, and knapsack sprayers are appropriate for small turfgrass areas when power equipment is unavailable, uneconomical, or impractical.

This product may cause injury to susceptible/non-target plants at the use site by contacting the foliage, stems, or roots. To prevent injury to susceptible crops and other desirable broadleaf plants including but not limited to cotton, legumes, tobacco, tomatoes, grapes, garden/vegetable crops, and ornamentals (flowers, trees, and shrubs) avoid contact with the spray solution, spray droplets, and spray mist (fine droplets).

After using this product, clean sprayer with soap or detergent and water, or an approved spray tank cleaner and rinse thoroughly before applying other pesticides.

4. Spray Drift Management

4.1 For Ornamental Turfgrass Sites

It is the responsibility of the applicator to avoid spray drift at the application site. Do not allow the herbicide solution to mist, drip, drift, or splash from treated areas onto desirable broadleaf plants, as small amounts of this product can damage sensitive plants near the treated area. If desirable plants are accidentally sprayed, immediately rinsing leaves with water may reduce or eliminate plant damage.

4.2 For Non-Cropland Sites

When this product is used in non-cropland sites, the following Best Management Practices for reducing spray drift apply.

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of ground application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size

Use only Medium or coarser spray nozzles according to ASABE (S 572) definition of standard nozzles or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 10 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

2,4-D esters may volatilize during conditions of low humidity and high temperatures. Do not apply during conditions of low humidity and high temperatures.

Equipment

All ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates. Do not apply with a nozzle height greater than 4 feet above the crop canopy.

5. Where To Use

This product provides selective broadleaf control in warm-season and cool-season turfgrass in 5 use sites.

- **Institutional sites** are defined as turf areas around properties or facilities providing a service to public or private organizations including, but not limited to hospitals, nursing homes, schools, museums, libraries, sport facilities, golf courses (fairways, aprons, and roughs), and office buildings.

- **Ornamental sites** include turfgrass established around residences, parks, streets, retail outlets, cemeteries, industrial and institutional buildings, recreation areas, fairgrounds, areas adjacent to athletic fields and paved areas.
- **Residential/domestic sites** are defined as areas associated with the household or home life including, but not limited to apartment complexes, condominiums, and patient care areas of nursing homes, mental institutions, hospitals, or convalescent homes.
- **Non-cropland Sites:** Highway rights-of-way (principal, interstate, county, private, and unpaved roads). Roadsides, roadside ditches, road shoulders, road embankments, dividers, medians, parking areas, and paved areas. Municipal, state, and federal lands. Airports, airfields and military installations. Fuel storage areas. Fencerows. Industrial sites (including but not limited to lumber yards, tank farms, storage areas, vacant lots and production facilities). Utility and pipeline rights-of-way.

Prohibitions of Sites:

- Do not apply to any body of water such as lakes, streams, rivers, ponds, reservoirs, or estuaries (salt water bays). Do not apply to any shorelines (noncropland sites adjacent to the edges of a body of water) for lakes, streams, rivers, ponds, reservoirs, or estuaries (salt water bays).
- Do not apply to wetlands (swamps, bogs, potholes, or marshes).
- Do not apply to agricultural irrigation water or on agricultural irrigation ditchbanks and canals.
- Do not apply to agricultural drainage water or on agricultural ditchbanks.

Turfgrass tolerance:

- The turfgrass tolerance to this product may vary and temporary turfgrass yellowing may occur on certain varieties of hybrid Bermudagrass. Adverse environmental conditions may reduce the selectivity on the turfgrass. Do not apply this product to stressed turf.
- Certain spray tank additives (adjuvants, wetting agents, surfactants), liquid fertilizers, and tank mixtures containing emulsifiable concentrates may reduce the selectivity on the turfgrass. Do not use adjuvants and spray additive tank-mix combinations, unless your experience indicates that the tank mixture will not result in turf injury.

Prohibitions:

- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
- Do not apply this product to bentgrass greens or tees, St. Augustinegrass, carpetgrass, dichondra, legumes, and lawns where desirable clovers are present.
- Do not broadcast apply this product when temperatures are above 90°F; some injury may be expected with spot treatments when air temperatures exceed 90°F.
- To avoid turf injury, use only on turfgrass that is reasonably free of stress from diseases, insects, excess heat or cold, drought or excess rainfall/irrigation, shaded areas, low soil pH, nematodes, improper mowing or improper applications of fertilizer and pesticides. Injury can occur if this product is applied under any of these or other stress conditions. Under any of these stress conditions, any turf damage caused by the use of this product is beyond the control of PBI/Gordon Corporation and all risk is assumed by the buyer and/or user.
- Do not use this product on or near desirable plants, including contact of spray on exposed root systems or adventitious shoots within the drip line of desirable trees and shrubs, since injury may result.
- Aerial application is prohibited.

State restrictions:

- **New York:** Only one application per year of this product is allowed. This product is not allowed to be sold, distributed or used in Nassau or Suffolk Counties.
- **California:** Make broadcast applications only between March 1 and September 1. If troublesome weeds appear during other times of the year, a spot application can be made. While irrigation is necessary and important for plant growth, apply irrigation water efficiently so that no more than 125%

of the net irrigation requirement is applied for any irrigation event. Apply efficient irrigations for six months following application of sulfentrazone containing products. Do not apply product to bare ground.

6. Application Schedules

Apply this product to broadleaf weeds that are young and actively growing for the best results. Spring and fall treatments under adequate soil moisture conditions are preferred to the summer treatments. Generally, summer broadcast applications to older, drought stressed weeds are less effective. Fall applications provide improved control for emerged winter annuals and perennials such as henbit, chickweed, clover and ground ivy.

Sequential broadcast applications or follow-up applications as spot treatments at a 30 day interval are recommended for more mature weeds, for dense infestations, and for adverse environmental conditions.

Spot treatments during the summer may be appropriate for sparse infestations, or as a follow-up treatment, or any time broadleaf weeds are actively growing.

Extremes in environmental conditions e.g. temperature and moisture, soil conditions, and cultural practices may affect the activity of this product. Under warm moist conditions, herbicide symptoms may be accelerated. While under very dry conditions, the expression of herbicide symptoms is delayed, and weeds hardened off by drought are less susceptible to this product.

For newly seeded areas:

Delay application of this product to grass seedlings until after the second mowing.

For newly sodded, sprigged, or plugged areas:

The application of this product to newly sodded, sprigged, or plugged grasses should be delayed until 3 to 4 weeks after the sodding, sprigging, or plugging operations.

Reseeding interval:

Treated areas may be reseeded 3 weeks after application.

Irrigation:

Do not apply this product through any type of irrigation system. Rainfast in as little as 3 hours. Do not apply this product immediately before rainfall or irrigation. If possible, do not irrigate or water the turfgrass within 3 to 6 hours after application. If dry conditions exist, a scheduled irrigation or watering 24 hours before and 24 hours after application is suggested.

Mowing:

Delay mowing 2 days before and until 2 days after the application of this product.

7. How Much To Use

Use Rates and Spray Volumes: Generally, the lower application rates within the specified range of Table 1 will provide satisfactory control of sensitive weed species. The higher application rates within the specified range will be required for dense infestations of perennial weeds, for adverse/extreme environmental conditions, or for weeds hardened off or more mature.

Broadcast Treatment:

Table 1: Use rates for Turfgrass.		
Species	Rate	Spray Volume
Cool-season turf		
Kentucky Bluegrass, Annual Bluegrass, Annual Ryegrass, Perennial Ryegrass, Tall Fescue, Red or	1.5 to 2.0 pt/acre	10 to 220 gal/acre

Table 1: Use rates for Turfgrass.		
Species	Rate	Spray Volume
Fine Leaf Fescues, Creeping Bentgrass, and Colonial Bentgrass (excluding golf greens and tees). Mixtures of cool-season species in non-cropland areas established for roadside vegetation management or for low maintenance. (Kentucky Bluegrass, Tall Fescue, Smooth Bromegrass & Orchardgrass)	(0.55 to 0.73 fl.oz./1000 sq.ft.)	(0.23 to 5.0 gal/1000 sq.ft.)
Warm-season turf		
Hybrid Bermudagrass, Common Bermudagrass, Zoysiagrass	1.5 pt/acre (0.55 fl.oz./1000 sq.ft.)	10 to 220 gal/acre (0.23 to 5.0 gal/1000 sq.ft.)
Centipedegrass*, Bahiagrass, and Buffalograss	0.75 to 1.25 pt/acre (0.28 to 0.46 fl.oz./1000 sq.ft.)	10 to 220 gal/acre (0.23 to 5.0 gal/1000 sq.ft.)
<p>* For Centipedegrass use lower rates within specified range until turfgrass tolerance to injury can be determined.</p> <p>Do not apply this product to warm-season turfgrass during spring green-up or in the fall during the transition period between active growth and dormancy.</p> <p>Dormant turf: This product may be applied to fully dormant Bermudagrass, fully dormant Zoysiagrass, and fully dormant Bahiagrass.</p> <p>New York: Only one application per year of this product is allowed. This product is not allowed to be sold, distributed or used in Nassau or Suffolk Counties.</p>		

Limitations on broadcast applications to Turfgrass:

The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. The maximum application rate is 2 pt of product per acre per application [0.88 lb 2,4-D ae, 0.20 lb mecoprop-p ae, 0.08 lb dicamba ae, and 0.04 lb sulfentrazone/acre/application]. The maximum seasonal rate is 4 pt of product per acre per year [(1.76 lb 2,4-D ae, 0.40 lb mecoprop-p ae, 0.17 lb dicamba ae, and 0.08 lb sulfentrazone/acre/year].

Spot Treatment with hand operated sprayers (including backpack sprayers, compression sprayers, and knapsack sprayers):

- Apply any time the emerged broadleaf weeds are actively growing.
- Calibration and proper application are essential when using this product.
- Uniform applications are essential when using this product. Over-application or rates above those specified on this label including excessive overlaps of this product can cause turf injury.
- Hand-held techniques: Wands fitted with flat fan nozzle tips may be used with the appropriate technique. Spray wands fitted with flat fan tips should not be waved in a back-and-forth motion, or in a side-to-side motion, or in a swinging arm motion. Instead, the nozzle should be held stationary at the proper height. Side-to-side motions result in uneven coverage.
- Follow-up applications as spot treatments at a 30 day interval are recommended for more mature weeds, for dense infestations, and for adverse environmental conditions.
- **For cool-season turfgrass listed in Table 1:** Mix 0.55 to 0.73 fl.oz. of this product per 1 gallon of water for treatment of approximately 1000 sq.ft. of turfgrass. Apply any time the emerged broadleaf weeds are susceptible.

- **For warm-season turfgrass listed in Table 1:** Mix 0.28 to 0.46 fl.oz. of this product per 1 gallon of water for treatment of approximately 1000 sq.ft. of turfgrass. Apply any time the emerged broadleaf weeds are susceptible. For centipedegrass use lower rates within specified range until turfgrass tolerance to injury can be determined.

Limitations on spot treatments for ornamental turfgrass:

Spot treatment is defined as a treatment area no greater than 1000 sq.ft. per acre. The maximum application rate is 0.73 fl.oz. of product per 1000 sq.ft. per application [0.88 lb 2,4-D ae, 0.20 lb mecoprop-p ae, 0.08 lb dicamba ae, and 0.04 lb sulfentrazone/acre/application]. The maximum number of spot treatments is limited to 2 per year with a minimum of 30 days between applications.

8. Tough Weed Control In Industrial Or Low Maintenance Areas

In addition to weeds listed in the Broadleaf Weeds Controlled section, EH-1594 HERBICIDE can be used for certain tough-to-control weeds as listed in Table 2. Mixed stands of Kentucky Bluegrass, Tall Fescue, Smooth Bromegrass, Orchardgrass and Reed Canarygrass may be treated. Applications to non-cropland areas (roadsides and rights-of-way) are not applicable to treatment of commercial timber or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

Treatments of EH-1594 HERBICIDE may injure or kill legumes including clovers (sweet, yellow, red, crimson, alsike, hop, white), lespedezas, trefoils and vetches. Biennial and perennial weeds may require follow-up or sequential treatments.

Weed Types	Troublesome weeds:	Amount of product, pints/acre¹	Spray Volume	When to Apply
Annual Broadleaf	ivy leaf morningglory, redroot pigweed, cocklebur, sunflower, velvetleaf (butterprint)	1.25 to 1.6 pt/acre	10 to 220 gal/acre (0.23 to 5.0 gal per 1000 sq.ft.)	Spring or fall during active growth.
Biennial	Bull thistle, musk thistle, common burdock	1.6 to 2.2 pt/acre	10 to 220 gal/acre (0.23 to 5.0 gal per 1000 sq.ft.)	Spring or fall during seedling to rosette stage.
Perennial	Burclover, Canada thistle, field bindweeds, English daisy, hoary cress (whiteweed), Veronica (corn speedwell), wild violet.	1.6 to 2.2 pt/acre	10 to 220 gal/acre (0.23 to 5.0 gal per 1000 sq.ft.)	Spring or fall during bud to bloom stage.

Footnote 1: Use the lower rate within the range specified for highly favorable plant growing conditions and when broadleaf weeds are less than 6 inches in height. Use the higher rate within the range specified for tall vegetation, dense canopies, weeds beyond the suggested growth stage, or during adverse conditions.

New York: Only one application per year of this product is allowed. This product is not allowed to be sold, distributed or used in Nassau or Suffolk Counties.

Limitations on applications to Non-Cropland sites:

The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. The maximum application rate is 2.2 pt of product per acre per application [0.97 lb 2,4-D ae, 0.22 lb mecoprop-p ae, 0.09 lb dicamba ae, and 0.04 lb sulfentrazone/acre/application]. The maximum seasonal rate is 4.4 pt of product per acre per year [(1.94 lb 2,4-D ae, 0.44 lb mecoprop-p ae, 0.18 lb dicamba ae, and 0.08 lb sulfentrazone/acre/year)].

9. Broadleaf Weeds Controlled

EH-1594 HERBICIDE will control or suppress the following broadleaf weeds. Apply any time the emerged broadleaf weeds are susceptible.

BROADLEAF WEEDS			
Aster, white heath & white prairie	Dollarweed (*pennywort)	Lambsquarters	Purple cudweed
Bedstraw	False dandelion (*spotted catsear & common catsear)	Lawn burweed	Purslane
Beggarweed, creeping	Field bindweed	Lespedeza, common	Ragweed
Bindweed	(*morningglory & creeping jenny)	Mallow, common	Redweed
Black medic	Field oxeye-daisy	Matchweed	Red sorrel (*sheep sorrel)
Broadleaf plantain	(*creeping oxeye)	Mouseear chickweed	Shepherdspurse
Buckhorn plantain	Filaree, whitestem & redstem	Nutsedge** (yellow)	Spurge
Bull thistle	Florida betony	Old world diamond flower	Thistle
Burdock, common	Florida pusley	Oxalis (*yellow woodsorrel & creeping woodsorrel)	Virginia buttonweed
Buttercup, creeping	Ground ivy	Parsley-piert	White clover (*Dutch clover, honeysuckle clover, white trefoil, & purplewort)
Carpetweed	Groundsel	Pennsylvania smartweed	Wild carrot
Chickweed, common	Hawkweed	Pepperweed	Wild garlic
Chicory	Healall	Pigweed	Wild geranium
Cinquefoil	Henbit	Pineappleweed	Wild lettuce
Clover	Innocence (Blue-eyed Mary)	Plantain	Wild mustard
Curly dock	Knotweed	Poison ivy	Wild onion
Dandelion		Poison oak	Wild strawberry
Dayflower		Prickly lettuce (*compass plant)	Yarrow
Deadnettle		Puncturevine	Yellow rocket
Dock			
Dogfennel			
* Synonyms			
** Suppression only when nutsedge is young and actively growing.			

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a locked storage area inaccessible to children or pets. Keep from freezing.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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.

[For Plastic Containers – Nonrefillable with capacities equal to or less than 5 gallons:]

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse [or pressure rinse] container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

[OR

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank

and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.]

[For Plastic Containers – Nonrefillable with capacities greater than 5 gallons:]

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse [or pressure rinse] container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

[OR

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.]

[For Refillable Containers:]

CONTAINER HANDLING: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Container cleaning: Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

LIMITED WARRANTY AND DISCLAIMER

IMPORTANT: Read this LIMITED WARRANTY AND DISCLAIMER before buying or using this product. By opening and using this product, buyer and all users agree to accept the terms of this LIMITED WARRANTY AND DISCLAIMER in their entirety and without exception. If the terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full.

It is impossible to eliminate all risks inherently associated with use of this product. Damage to the treated article, ineffectiveness, or other unintended consequences can result from use of the product under abnormal conditions such as weather, presence of other materials, or the manner or use of application, etc. Such factors and conditions are beyond the control of the manufacturer, and **BY PURCHASING AND USING THIS PRODUCT THE BUYER AND ALL USERS OF THIS PRODUCT AGREE TO ACCEPT ALL SUCH RISKS.** Buyer and all users further agree to assume all risks of loss or damage from the use of the product in any manner that is not explicitly set forth in or that is inconsistent with label instructions, warnings and cautions.

The manufacturer warrants only that this product conforms to the chemical description given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use, subject to the inherent risks described below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED.**

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF BUYER AND ALL USERS OF THIS PRODUCT, AND THE EXCLUSIVE LIABILITY OF THE MANUFACTURER, FOR ANY AND ALL LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OF HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THE PRODUCT. The Manufacturer must be promptly notified in writing of any claims, whether based in contract, tort, negligence, strict liability, or otherwise, to be eligible to receive either remedy stated above.

The terms of this LIMITED WARRANTY AND DISCLAIMER cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere. No employee or agent of the manufacturer or seller is authorized to vary or exceed the terms of this LIMITED WARRANTY AND DISCLAIMER in any manner.

APPENDIX

1. Advertising claims that may be presented on container labeling, advertisements, brochures, and other marketing/sales promotional materials:

- Rainfast [Rainproof] in [as little as] 3 hours
- [weed option] control in as little as one week
- Proven performance
- Consistently fast control on tough listed weeds like dandelion, spurge, clover, plantain, ground ivy and [various other listed weeds].
- From the makers of Trimec® herbicides.
- Trimec® is a registered trademark of PBI/Gordon Corporation.
- www.pbigordon.com

DOCUMENT CONTROL INFORMATION

1. Unique Label Identifier: 002217-0XXXX.20170824.new-proposed-EH1594-clean

2. Reason for Issue: EPA Comments #3

Internal Usage Notes
Associated Container Label: