

2217-867

12/6/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

James L Kunstman, Ph D
PBI/Gordon Corporation
P O Box 014090
Kansas City, MO 64101

DEC - 6 2012

Subject Label Amendment
 Product Name EH-1406 Herbicide
 EPA Registration Number 2217-867
 Application Dated July 13, 2012

Dear Dr Kunstman,

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable

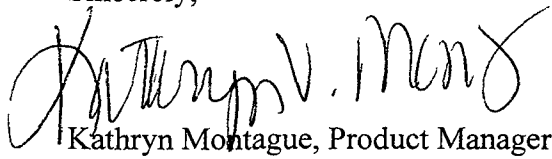
Please note that marketing claims made on the pesticide label must be substantiated by data maintained in your files If data supporting the marketing claims made on the product label is not available, then those claims must be removed

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 FIFRA and is subject to review by the Agency If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA §12(a)(1)(E) 40CFR §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

A stamped copy of your label is enclosed for your records This label supersedes all previously accepted labels You must submit one (1) copy of the final printed label before you release the product for shipment Products released for shipment after eighteen (18) months from the date of this letter or the next printing of the label, whichever occurs first, must bear the new revised label If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e) Your release for shipment of the product constitutes acceptance of these conditions

If you have any questions, please contact Emily Hartman of my staff at (703) 347-0189 or hartman emily@epa gov

Sincerely,

A handwritten signature in black ink, appearing to read "Kathryn V. Montague". The signature is fluid and cursive, with a large initial "K" and a long, sweeping underline.

Kathryn Montague, Product Manager 23
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

ACCEPTED
DEC - 6 2012
not insecticide,
not herbicide, Act.
not pesticide
2017-867

EH-1406 HERBICIDE

EPA Reg. No. 2217-867

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170

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

ACTIVE INGREDIENT

2 4-D dimethylamine salt	18 79%
Mecoprop-p dimethylamine salt	6 80%
Dicamba dimethylamine salt	3 02%
Sulfentrazone	0 67%
INERT INGREDIENTS	<u>70 72%</u>
TOTAL	100 00%

THIS PRODUCT CONTAINS

- 1 40 lb 2 4-dichlorophenoxyacetic acid equivalent per gallon or 15 66 %
 - 0 50 lb (+) (R)-2-(2-methyl-4-chlorophenoxy) propionic acid equivalent per gallon or 5 62%
 - 0 22 lb 3 6-dichloro-o-anisic acid equivalent per gallon or 2 52%
 - 0 06 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 0 67%
- Isomer Specific By AOAC Methods

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

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 some one to explain it to you in detail)

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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

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

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are natural rubber natural rubber blends and laminates If you want more options follow the instructions for category A on an EPA chemical-resistance category selection chart



All mixers loaders applicators and other handlers must wear*

- protective eyewear
- long-sleeved shirt and long pants
- shoes and socks plus
- chemical-resistant gloves 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 5 1 or greater (higher) than 5 parts of water to 1 part of product

See engineering controls for additional requirements

User Safety Requirements

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

Engineering Control Statements

When handlers use closed systems or 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	
<ul style="list-style-type: none"> • 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 on skin or on clothing	<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
If swallowed	<ul style="list-style-type: none"> • 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 do so by a poison control center or doctor • Do not give anything by mouth to an unconscious person
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment You may also contact 1-877-800-5566 for emergency medical treatment information</p> <p>NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage</p>	

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 For any requirements specific to your State or Tribe consult the agency responsible for pesticide regulation

Agricultural Use Requirements

Use this product only in accordance with its labeling and with 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 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 48 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 worn over short-sleeve shirt and short pants
- chemical-resistant footwear plus socks
- chemical-resistant gloves made of any waterproof material
- chemical-resistant headgear for overhead exposure 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

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

Product Description

EH-1406 Herbicide contains four active ingredients including sulfentrazone that broaden the spectrum of weed control These combined herbicides provide limited residual activity at specified use rates Sulfentrazone is in the aryl triazolinone family and inhibits protoporphyrinogen oxidase (Protox) a pivotal enzyme in chlorophyll production Without this key enzyme a build-up of peroxide-like compounds occur thus causing the plant cell membranes of weeds to rupture

EH-1406 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
- Sulfentrazone combinations provide rapid and effective weed control for common and troublesome (tough) weed species in turfgrass including dandelion spurge white clover and dollarweed (pennywort)
- The speed of action (rate of weed phytotoxicity) and the early weed symptoms are features of sulfentrazone combinations 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 generally rainfast in as little as 6 hours

Spray Preparation And Tank Mixtures

Mixing With Water

Add one-half the required amount of water to the spray tank then add EH-1406 Broadleaf 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 1406 Broadleaf 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.

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 1 000 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 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 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 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

Where To Use

This product provides selective broadleaf control in warm-season and cool-season turfgrass in five (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
- **Agricultural site** Commercial sod production
- **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 (non-cropland 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

- 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.
- **Arizona** Do not use this product on sod farms in Arizona.

Spray Drift Management

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 ASAE (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

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

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 suggested 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 6 hours Do not apply this product immediately before rainfall or irrigation If possible do not irrigate or water the turfgrass within 6 to 24 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

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 SOD FARMS, ORNAMENTAL LAWNS AND TURFGRASS		
Species	Rate	Spray Volume
Cool season Turf		
Kentucky bluegrass annual bluegrass annual ryegrass perennial ryegrass tall fescue red or fine leaf fescues creeping bentgrass and colonial bentgrass (excluding golf greens and tees)	3.25 to 4 Pints/Acre	10 to 220 Gallons/Acre
Mixtures of cool season species in non cropland areas established for roadside vegetation management or for low maintenance (Kentucky bluegrass tall fescue smooth brome grass & orchardgrass)	(1.2 to 1.5 fl oz /1 000 sq ft)	(0.23 to 5.0 Gallons/1 000 sq ft)
Warm season Turf		
Hybrid Bermudagrass common Bermudagrass centipedegrass* zoysiagrass bahiagrass and buffalograss	2.75 to 3.25 Pints/Acre	10 to 220 Gallons/Acre
	(1.0 to 1.2 fl oz /1 000 sq ft)	(0.23 to 5.0 Gallons/1 000 sq ft)
<p>For centipedegrass use lower rates within specified range until turfgrass tolerance to injury can be determined. 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 centipedegrass 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>		

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 suggested for more mature weeds for dense infestations and for adverse environmental conditions
- **For cool-season turfgrass listed in Table 1** Mix 1.2 to 1.5 fl oz of this product per one (1.0) gallon of water for treatment of approximately 1 000 sq ft of turfgrass. Apply any time the emerged broadleaf weeds are susceptible
- **For warm-season turfgrass listed in Table 1** Mix 1.0 to 1.2 fl oz of this product per one (1.0) gallon of water for treatment of approximately 1 000 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 1 000 sq ft per acre. The maximum application rate is 1.5 fl oz per 1 000 sq ft per application (0.25 lb MCPP-p acid equivalent per acre). The maximum number of spot treatments is limited to 2 per year with a minimum of 30 days between applications.

**TOUGH WEED CONTROL
IN INDUSTRIAL OR LOW MAINTENANCE AREAS**

In addition to weeds listed in Table 4, EH-1406 Herbicide can be used for certain tough-to-control weeds. Mixed stands of Kentucky bluegrass, tall fescue, smooth brome grass, 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-1406 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 [moved from behind Table 3].

Weed Types	Troublesome weeds such as	Amount of product pints/acre ¹	Spray Volume	When to Apply
Annual Broadleaf	ivyleaf morningglory redroot pigweed cocklebur sunflower velvetleaf (butterprint)	2.5 to 4.0 pints/acre	10 to 220 gal/Acre (0.23 to 5.0 gal per 1 000 sq ft)	Spring or fall during active growth
Biennial	Bull thistle musk thistle common burdock	4.0 to 5.0 pints/acre	10 to 220 gal/Acre (0.23 to 5.0 gal per 1 000 sq ft)	Spring or fall during seedling to rosette stage
Perennial	Burclover Canada thistle field bindweeds English daisy hoary cress (whitetop) Veronica (corn speedwell) wild violet	4.0 to 5.0 pints/acre	10 to 220 gal/Acre (0.23 to 5.0 gal per 1 000 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

Use Site	Maximum Rate per Application	Maximum Number of Applications per Year	Minimum Interval Between Applications	Maximum seasonal rate
Ornamental turfgrass	4.0 pints/A (0.70 lb 2,4-D ae/A) (0.25 lb MCPP p ae/A) (0.11 lb dicamba ae/A) (0.03 lb sulfentrazone/A)	2	30 Days	8.0 pints/A (1.40 lb 2,4-D ae/A) (0.50 lb MCPP p ae/A) (0.22 lb dicamba ae/A) (0.06 lb sulfentrazone/A)

Table 3 Limitations on broadcast applications to ornamental turfgrass sod farms, roadsides and rights of way (noncropland)

Sod farms	4.0 pints/A (0.70 lb 2,4-D ae/A) (0.25 lb MCPP p ae/A) (0.11 lb dicamba ae/A) (0.03 lb sulfentrazone/A)	2	21 Days	8.0 pints/A (1.40 lb 2,4-D ae/A) (0.50 lb MCPP-p ae/A) (0.22 lb dicamba ae/A) (0.06 lb sulfentrazone/A)
Non cropland roadsides and rights of way	5.0 pints/A (0.88 lb 2,4-D ae/A) (0.31 lb MCPP p ae/A) (0.14 lb dicamba ae/A) (0.038 lb sulfentrazone/A)	2	30 Days	10.0 pints/A (1.75 lb 2,4-D ae/A) (0.62 lb MCPP-p ae/A) (0.28 lb dicamba ae/A) (0.074 lb sulfentrazone/A)

ae = Acid Equivalent For ornamental turfgrass only do not exceed the maximum seasonal rate of 8.0 pints (1.40 lb 2,4-D ae 0.50 lb MCPP p ae 0.22 lb dicamba ae and 0.06 lb sulfentrazone) per acre per season excluding spot treatments For non cropland Do not exceed the maximum seasonal rate of 10 pints (1.75 lb 2,4-D ae/A) 0.62 lb MCPP p ae/A 0.28 lb dicamba ae/A and 0.074 lb sulfentrazone) per acre per season

Spray volumes with ground equipment

- For EH-1406 Herbicide alone a spray volume of 10.0 gallons per acre (gpa) is suggested
- For tank mixtures of EH-1406 Herbicide spray volume of 20.0 gallons per acre is suggested or use the specified spray volume of the companion product(s)

Broadleaf Weeds Controlled

EH-1406 Herbicide will control or suppress the following broadleaf weeds Apply any time the emerged broadleaf weeds are susceptible

Table 4 Broadleaf Weeds

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

*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

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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 of use or 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**

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APPENDIX

1 Statements which may appear on different label components depending on packaging configuration

- See next panel for additional Precautionary Statements and First Aid
- Net Contents _____
- EPA Est No _____

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

- Water based formula
- Water-based formulation
- Rainfast in as little as 6 hours
- Rainfast [Rainproof] in 6 hours
- Spurge control in as little as one week
- Proven performance
- Consistently fast control on tough 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
- For information call XXX-XXX-XXXX [contact www.xxx-xxxx.com]
- ProForm(TM) logo presented on the containers



- Water based
- Warm weather weed control—FAST!
- For use on Bluegrass Fescues Perennial Ryegrass Bentgrass Bermudagrass Zoysiagrass Bahiagrass and Buffalograss
- Fast visual response
- Economical—lower cost water-based formulation
- Easy cleanup
- Warm-weather weed control option
- Suitable for applications up to 90°F
- Foliar absorption
- Reduces call backs
- Low odor

3 Alternate Brand Name

- Surge Broadleaf Herbicide for Turf

DOCUMENT CONTROL INFORMATION

1 Unique Label Identifier 002217-00867 20121130 amend-proposed-clean doc

2 Reason for Issue dilute eyewear remove recommended EPA comments