

2217-775

1/27/2009

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

27 JAN 2009

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

PBI/Gordon Corp.
1217 West 12th Street
Kansas City, MO 64101

Subject: 2,4-D RED Label Amendment
EH 1073 Trimec Ester
EPA Reg. No. 2217-775

The labeling referred to above is in compliance with the 2,4-D RED and are amended under the RED provided that you:

1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
2. Make the following changes to the product labeling:
 - a. The Agency is uncertain whether the name "Gordon's Cleanout™ Brush and Stump Control" appearing often on the label, is an alternate brand name for the product. This issue should be clarified.
 - b. Per the acute toxicity review, the Hazards to Humans and Domestic Animals text should be revised to read as follows:
"WARNING
Causes substantial but temporary eye injury. Causes skin irritation. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes, or on skin or clothing."
 - c. The PPE text "Wear protective eyewear (safety glasses that include front brow and temple protection)" appearing in the Hazards to Humans and Domestic Animals will be added to the handler PPE section and must be removed from this section of the label.

Continued on Page 2

d. Per the acute toxicity review and the REDs, the PPE must be revised to read:

“Some materials....

All mixers, loaders, other applicators and handlers must wear:
Coveralls over short-sleeved shirt and short pants,
Chemical-resistant footwear plus socks,
Chemical-resistant gloves,
Goggles or face shield,
Chemical-resistant headgear for overhead exposure, and
Chemical-resistant apron for mixing, loading, or cleaning spills or equipment or otherwise exposed to the concentrate.”

e. The mechanical transfer engineering control text is no longer needed and may be deleted from the label.

f. The Note to Physician should be revised to read:

“May pose an aspiration pneumonia hazard
Contains petroleum distillate”

The Agency recommends that additional text be added to the Note to Physician that addresses eye and skin irritation concerns.

The following statements are some suggested types of information that could be included, if applicable, in the Note to Physicians:

- technical information on symptomatology;
- use of supportive treatments to maintain life functions;
- medicine that will counteract the specific physiological effects of the pesticide;
- company telephone number to specific medical personnel who can provide specialized medical advice

g. Per the 2,4-D RED, the first two sentences of the Environmental Hazard statements must be revised to read:

“This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark.”

Note: “except as noted on appropriate labels” has been removed

- h. Per the product chemistry review, the word "**Combustible**" must be added before the text "Do not use or store near heat or open flame" currently under the Physical or Chemical Hazards heading.
- i. Remove the word "**aerial**" from the Equipment heading of the Spray Drift Management information as this application method is prohibited for products containing 2,4-Dp.
- j. Ensure that the maximum application rate to woody plants reads:
 "4.0 lbs. 2,4-D ae/acre per year"
 Ensure that the maximum application rate to annual and perennial weeds is 2.0 lbs. 2,4-D ae/acre per application and is limited to 2 applications per year with a minimum of 30 days between the two applications.

The following statement must be included following the non-cropland directions for use:

"Applications to non-cropland areas 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."

- k. For ornamental lawns and turf, the maximum seasonal rate for 2,4-D is 3.0 lbs ae/acre, excluding spot treatments, while the maximum single application of 2,4-D is 1.5 lbs ae/acre.

- l. Add the following statements to the labeling:

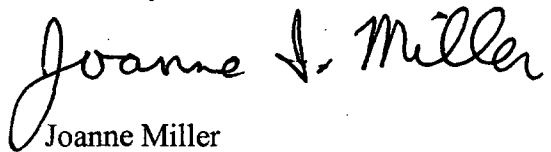
"Use of this product in certain portions of California, Oregon and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et al. v. EPA, C01-0132C, (W.D. WA). For further information, please refer to EPA Web Site: <http://www.epa.gov/espp>."

- 3. Please Note: Final product reregistration cannot be considered until after all active ingredients in this product are eligible for reregistration.

Page 4
EPA Reg. No. 2217-775

A stamped copy of your labeling is enclosed for your records. Submit one (1) copy of the revised final printed label for the record before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions

Sincerely,



Joanne Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

5/14

EH 1073 TRIMEC® ESTER

EPA Reg. No. 2217-775

ACTIVE INGREDIENT:

2,4-D, 2-ethylhexyl ester.....	9.74%
2,4-DP-p, 2-ethylhexyl ester.....	4.78%
Dicamba.....	1.65%
INERT INGREDIENTS:.....	<u>83.83%</u>
TOTAL.....	100.00%

THIS PRODUCT CONTAINS:

- 0.49 lbs. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 6.46%
- 0.24 lbs. (+)-R-2-(2,4-dichlorophenoxy) propionic acid equivalent per gallon or 3.23%
- 0.12 lbs. 3,6-dichloro-o-anisic acid equivalent per gallon or 1.65%
- Contains petroleum distillates.
- Isomer Specific by AOAC Method

ACCEPTED
with COMMENTS
 In EPA Letter Dated:
27 JAN 2009
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.

KEEP OUT OF REACH OF CHILDREN

WARNING

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

2217-775

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Causes substantial but temporary eye injury. Wear protective eyewear (safety glasses that include front brow and temple protection). Causes skin irritation. Harmful if swallowed or if absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin.

Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are barrier laminate, nitrile rubber, neoprene rubber, or Viton. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

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

- long-sleeved shirt and long pants,
- shoes and socks, plus
- chemical-resistant gloves (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.

See engineering controls for additional requirements.

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.



Engineering Control Statements

Containers over 1 gallon and less than 5 gallons: Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

Containers of 5 gallons or more: Do not open-pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

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 on skin or 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"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • 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.
<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 1-877-800-5556 for emergency medical treatment advice.</p>	
<p>Note to Physician: Contains petroleum distillates—vomiting may cause aspiration pneumonia.</p>	

Environmental Hazards

This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. 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.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

General Precautions and Restrictions:

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

NONCROPLAND SITES:

EH 1073 Trimec Ester is recommended to control perennial broadleaf weeds and undesirable woody plants established in noncropland. It is effective for buckbrush, poison ivy, multiflora rose, and sumac established in the uncultivated areas presented below:

UNCULTIVATED AGRICULTURAL AREAS AND UNCULTIVATED NONAGRICULTURAL AREAS:

A. Recommended Noncropland Sites.

- Barrier strips
- Farmyards
- Fencerows or fence lines
- Firebreaks
- Highway rights-of-way (principal, interstate, county, private, and unpaved roads): Roadsides, road shoulders, road embankments, dividers, and medians.
- Industrial sites: Lumberyards, tank farms, fuel or equipment storage areas.
- Municipal, state, and federal lands: Airports and military installations
- Railroad rights-of-way
- Recreation areas: Fairgrounds, golf courses, parks, and areas adjacent to athletic fields.
- Utility rights-of-way: Telephone, pipeline, electrical powerlines, and communication transmission lines

B. Prohibitions for Noncropland 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.

Applications to non-cropland areas 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.

APPLICATION TIMING FOR MIXED BRUSH:

Spraying with ground equipment can be effective throughout the growing season from full leaf to leaf drop for mixed brush. Full cover sprays should be applied during warm weather when brush and broadleaf weeds are young and actively growing. All leaves, stems, and shoots should be thoroughly wetted to the ground. Do not cut brush until the herbicide has translocated throughout the plant causing root death.

Basal bark, cut stump, and frill treatments of Gordon's Cleanout(TM) Brush and Stump Control are appropriate during the dormant period before bud growth or any signs of active growth of the mixed brush. However, basal bark treatments may be applied anytime of the year except when water or snow prevents spraying to the ground line.

Brush Controlled: or [EH1073 Trimec® Ester will provide full or partial control (suppression) of these woody species:]

American chestnut	Brambles	Honey locust	Sassafras
Ash	Buckbrush	Honeysuckle	Shortleaf pine
Aspen	Cedar	Kudzu	Spruce
Barberry	Cherry	Maple	Sumac
Birch	Cottonwood	Multiflora rose	Sycamore
Blackberry	Dogwood	Oak	Trumpet creeper
Black cherry	Elm	Pine	Wild plum
Black locust	Gooseberry	Poplar	Willow

Weeds Controlled: or [EH1073 Trimec® Ester will provide full or partial control (suppression) of these broadleaf species:]

Aster, white heath & white prairie	Dogfennel	Matchweed	Shepherdspurse
Bedstraw	English Daisy	Mouseear chickweed	Smartweed
Beggarweed, creeping	False Dandelion (*spoiled catsear & common catsear)	Morningglory	Speedwell
Bindweed	Field bindweed	Mustard	Spotted spurge
Black medic	(*morningglory & creeping jenny)	Nettle	Spurge
Broadleaf plantain	Field oxeye-daisy	Oxalis (*yellow woodsorrel & creeping woodsorrel)	Sunflower
Buckhorn	(*creeping oxeye)	Parsley-piert	Thistle
Buckhorn plantain	Filaree, whitestem & redstem	Pennsylvania smartweed (*smartweed)	Trumpet creeper
Bull thistle	Florida pusley	Pennywort (*dollarweed)	Velvetleaf (*pie marker, Indian mallow)
Burclover	Ground ivy	Peppergrass	Veronica (*corn speedwell)
Burdock, common	Groundsel	Pepperweed	Virginia buttonweed
Carpetweed	Hawkweed	Pigweed	White clover (*Dutch clover, honeysuckle clover, white trefoil & purplewort)
Chickweed, common	Healall	Pineappleweed	Wild carrot
Chicory	Henbit	Plantain	Wild garlic
Cinquefoil	Jimsonweed	Poison ivy	Wild geranium
Clover	Knotweed	Poison oak	Wild lettuce
Cocklebur	Kochia	Prostrate knotweed (*knotweed)	Wild mustard
Compassplant	Lambsquarters	Puncturevine	Wild onion
Curly dock	Lawn burweed	Purslane	Wild strawberry
Dandelion	Lespedeza, common	Ragweed	Wild violet
Dayflower	Mallow, common	Red sorrel (*sheep sorrel)	Yarrow
Deadnettle			Yellow rocket
Dock			
*Synonyms			

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

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a Coarse or coarser spray, apply only as a Coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When applying sprays that contain 2,4-D mixed with other active ingredients that require a Medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 15 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. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field.

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 aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for ground boom application: Do not apply with a nozzle height greater than 4 feet above the crop canopy.

BROADCAST FOLIAR APPLICATIONS:

Spray Preparation - Add one-half of the required amount of water to the spray tank, then slowly add Gordon's Cleanout(TM) Brush and Stump Control with agitation, and complete filling the tank with water. To prevent separation of the emulsion, mix thoroughly and continue agitation while spraying. Refer to Table 1 for additional spray preparation instructions with water.

DIRECTIONS, RESTRICTIONS AND LIMITATIONS FOR USE IN NON-CROPLAND

Broadcast applications to annual and perennial weeds: Apply to emerged weeds. For best results, treat when weeds are young and actively growing.

The maximum application rate to general noncropland sites is 4.0 gallons of product (2.0 lb. 2,4-D ae) per acre per application per site.

When multiple applications of up to 4.0 gallons of product (2.0 lb. 2,4-D ae) per acre are utilized to reach the maximum seasonal use rate, do not make a repeat application within 30 days of the previous application.

Minimum spray volume: Use 2 or more gallons of spray solution per acre. Number of applications: Limited to 2 applications per year.

Broadcast applications to woody plants: Apply to trees and brush when foliage is fully expanded and plants are actively growing.

Up to 8.0 gallons of product (4.0 lbs. 2,4-D ae) per acre per acre) may be applied in a single application to rights-of-way, including electrical power lines, communication lines, pipelines, highways and railroads that intersect wooded areas or stands of trees, brush and woody plants.

The maximum noncropland application rate for tree, brush and woody plant control is 8.0 gallons of product per acre per application per site.

Target species	Application schedule	Maximum application rate, Gallons of product per acre	Maximum application rate, Pounds of acid equivalent per acre per application	Maximum number of applications per year	Minimum days between applications	Minimum spray volume, gallons per acre
Annual and perennial weeds	Broadcast	4.0 gal/A	2.0 #/A	2	30 days	2
Woody plants	Broadcast and high volume foliar	8.0 gal/A	4.0 #/A	1	NA	See Tables 1-2.

High volume foliar applications (100 to 400 gallons per acre):

Apply 2.0 to 8.0 gallons of product per acre with adequate water or apply a 2.0 to 8.0% vol/vol spray solution as a full cover spray with high volume equipment. Use the lower spray concentrations in the range for susceptible species and use the higher spray concentrations within the range for hard-to-control species, for mature plants during the late summer or under adverse environmental conditions (e.g. drought).

Spray broadleaf weeds, woody plants or mixed brush uniformly and thoroughly by wetting all leaves, stems, bark and root collars. The total volume of spray solution required for adequate coverage of solid stands of mixed brush can range from 100 to 400 gallons of spray solution per treated acre. The spray preparation chart for applications on a spray-to-wet basis is shown below in Table 1.

Table 1. Instructions for preparing 100 to 400 gallons of spray solution at 2.0 to 8.0% spray concentration with water for high volume foliar applications.				
Spray solution per acre, Gallons	Amount of Product Needed for Spray Concentration of:			
	2.0%	2.7%	4.0%	8.0%
100	2.0 gal.	2.66 gal.	4.0 gal.	8.0 gal.
200	4.0 gal.	5.34 gal.	8.0 gal.	---
300	6.0 gal.	8.0 gal.	---	---
400	8.0 gal.	---	---	---

Equal measures: 1gallon = 4 quarts= 8 pints= 128 fl. oz.

The maximum seasonal application rate for trees, brush and woody plant control is 8.0 gallons of product (4.0 lbs. 2,4-D ae) per acre per application per site.

For Backpack Sprayers, Knapsack Sprayers, And Hand-pressurized Pump Sprayers

Table 2. Instructions for preparing 1 to 3 gallons of spray solution at 2.0 to 8.0% spray concentration with water for high volume foliar applications.

Gallons Of Water	Amount Of Product Needed for Spray Concentration of :			
	2.0%	2.7 %	4.0 %	8.0 %
1	5 tablespoons	7 tablespoons	5 fl.oz.	10 fl.oz.
2	5 fl.oz.	7 fl.oz.	10 fl.oz.	20 fl.oz.
3	8 fl.oz.	10 fl.oz.	15 fl.oz.	30 fl.oz.

Equal measures: 1 fl. oz. = 2 Tablespoons (Tbs.) = 6 Teaspoons (tsp.)

Individual plant treatments:

BASAL, CUT SURFACE, AND FRILL APPLICATIONS:

Spray Preparation with Oil - Add one-half the required amount of diesel oil (No. 1 or No. 2 fuel oil) to the spray tank, then add Gordon's Cleanout(TM) Brush and Stump Control with agitation and complete filling the tank with diesel oil. Mix thoroughly and provide adequate agitation during mixing and spraying. Substitutes for diesel oil include mineral oil, kerosene, and oil blends formulated for basal bark applications. Penetrants appropriate for oil soluble herbicides may improve control.

Basal Bark Method - Apply a coarse spray as a drench treatment to the base of stems and trunks up to a height of 18 to 24 inches. Total coverage of the stems and root collars is essential. Thorough coverage is required for all basal treatments.

Spray volumes will depend upon the sizes, types and densities of brush present. Apply a coarse spray as a drench treatment to the base of stems and trunks up to a height of 18 to 24 inches. Total coverage of the stems and root collars is essential. Spray until runoff and pooling at the ground line is noticed.

For Backpack Sprayers, Knapsack Sprayers, And Hand Pump Sprayers - Mix 20.0 fluid ounces of Gordon's Cleanout(TM) Brush and Stump Control with 1.0 gallon of oil (diesel oil, No. 1 or No. 2 fuel oil, kerosene, mineral oil, or oil blends formulated for basal bark applications).

Refer to Table 3 for additional spray preparation instructions with oil.

Spray Solution, Gallons	Amounts of Gordon's Cleanout(TM) Brush & Stump Control required, Fluid Ounces
1	20 fluid ounces (1.25 pints)
2	40 fluid ounces (2.5 pints)
3	60 fluid ounces (3.75 pints)
5	100 fluid ounces (6.25 pints)

Equal Measures: 16 fluid ounces = 1 pint = 1/2 quart = 2 cups

Cut Surface - Stump Treatment - This method is most effective and economical on stumps with diameters larger than 3 to 4 inches. This treatment can be applied throughout the year except when snow, ice, or water prevents thorough spray coverage.

For Backpack Sprayers, Knapsack Sprayers, and Hand Pump Sprayers - Mix 20.0 fluid ounces of Gordon's Cleanout(TM) Brush and Stump Control with 1.0 gallon of oil (diesel oil, No. 1 or No. 2 fuel oil, kerosene, mineral oil, or other oil blends formulated for basal applications). Refer to Table 2 for spray preparation. Spray thoroughly the cut surfaces, bark, and exposed roots. Treat entire circumference of the tree.

Frill Treatment - This treatment is recommended for culling trees with trunk diameters greater than 5 to 6 inches. Make a frill by using an axe to cut overlapping notches in a continuous ring around the trunk near its base. Cut through the bark but do not remove chips.

Mix 20.0 fluid ounces of Gordon's Cleanout(TM) Brush and Stump Control with 1.0 gallon of oil (diesel oil, No. 1 or No. 2 fuel oil, kerosene, mineral oil, or other oil blends formulated for basal applications). Refer to Table 2 for spray preparation. Spray or pour the spray mixture into the frills without runoff.

Limitations for basal spray, frill, and cut surface (stump) treatments.
Use only one basal spray, frill or cut surface application per year. Refer to the section for broadcast applications to woody plants for additional limitations and maximum rates.

USE PRECAUTIONS FOR ALL METHODS OF APPLICATION:

- Do not apply this product through any type of irrigation system.
- Do not apply when temperatures exceed 85°F and humidity is high.

ORNAMENTAL LAWNS AND TURF (Cool Season Grasses Other Than Bentgrass):

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

The best results will be obtained from spring or early fall applications when weeds have emerged and are actively growing. Avoid spraying during long, excessively dry or hot periods unless adequate irrigation is available. Do not irrigate within 24 hours after application.

USE PRECAUTIONS:

- Do not use on carpetgrass, dichondra, St. Augustinegrass, bentgrass, nor on lawns or turf where desirable clovers are present.
- Do not spray roots of ornamentals and trees.
- Do not exceed specified dosages for any area; be particularly careful within the dripline of trees and other ornamental species.
- Do not apply to newly seeded grasses until well established. Do not spray when air temperatures exceed 85°F. Seed can be sown 3 to 4 weeks after application.
- Do not apply this product through any type of irrigation system.

Application Rates - Apply 8 to 12 pints of product in 20 to 260 gallons of water per acre (3.0 to 4.4 fluid ounces of product in 0.5 to 6 gallons of water per 1,000 square feet). Use higher rates when using the higher volume of water per acre.

Limitations on 2,4-D applications to ornamental turfgrass			
Use Site	Maximum Rate per Application	Maximum Number of Applications per Year	Maximum Acid Equivalent Amount Applied per Year
Ornamental turfgrass	12 pints /A (0.75 lb 2,4-D ae/A) (0.18 lb dicamba ae/A)	2	24 pints/A 1.5 2,4-D lb/A (0.36 lb dicamba/A)
ae = Acid Equivalent. Do not exceed the maximum seasonal rate of 24 pints (1.5 lb 2,4-D ae and 0.36 lb dicamba ae) per acre per season, excluding spot treatments.			

Small Area Applications (Not Recommended For Hose End Sprayers) - For spot treatments and small areas, mix Gordon's Cleanout(TM) Brush and Stump Control at 3.0 fluid ounces per 1.0 gallon of water per 1,000 square feet or follow the recommendations for hand operated sprayers presented below. Spray emerged weeds that are actively growing at any time of the season. On newly established lawns, apply Gordon's Cleanout(TM) Brush and Stump Control after the grass has been mowed at least 3 times. Do not water the lawn within 24 hours after application and observe use precautions.

13/14

Use Rates In Ornamental Lawns and Turf With Hand Operated Sprayers			
Amount of Product		Amount of Water	Area to be Treated
6 Tablespoons	3.0 fluid ounces	1 Gallon	1,000 Square Feet
12 Tablespoons	6.0 fluid ounces	2 Gallons	2,000 Square Feet
18 Tablespoons	9.0 fluid ounces	3 Gallons	3,000 Square Feet

STORAGE AND DISPOSAL

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

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

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. 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: For Plastic Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned stay out of smoke. For Metal Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

LIMITED WARRANTY AND DISCLAIMER

FOR USE ONLY AS DIRECTED.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY 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, IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. If these terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full. 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.

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. _____
- **Note:** if the design, format, or small size of the container labels makes it impractical to present the entire ingredient statement on the front panel, then add a referral statement* and present this substatement on the back panel: *****See back panel for substatement of ingredient statement.*****

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

- A Brush and Broadleaf Herbicide for Noncropland and Turf
- Controls ash, aspen, bramble, kudzu, oak, willow, dandelion, chickweed, knotweed, plantain, henbit, spurge and many other species of brush and broadleaf weeds.
- Controls multiflora rose, bramble, cedar, locust, poison oak, poison ivy, honeysuckle, thistle, kochia, kudzu, and many other trees, vines and broadleaf weeds.
- Kills (Controls) over (Number) types of brush and weeds.
- Rain proof in hours.
- Low odor formula
- Foliar Spray – Basal Bark – Cut Stump – Frill/Girdle
- Controls Poison Ivy, Poison Oak, Tough Brush & Broadleaf Weeds.

3. Trademark acknowledgements.

- GARLON® 4 Herbicide is a registered trademark of Dow AgroSciences, L.L.C.
- HY-GRADE I(TM) is a trademark of CWC Chemical, Inc.
- Arborchem Basal Oil is a product of Arborchem Products Co.
- Cide-Kick, Cide-Kick II, and JLB Oil Plus are products of JLB International Chemical, Inc.
- Androc Oil is a product of Habco, Inc.
- TRIMEC® is a registered trademark of PBI/Gordon Corporation

4. Alternate Brand Names

- GORDON'S CLEANOUT(TM) BRUSH AND STUMP CONTROL

DOCUMENT CONTROL INFORMATION

1. **Unique Label Identifier:** 002217-00775.20080305.doc
2. **Previous Version:** AP121405
3. **Reason for Issue:** Various changes pertaining to re-registration. Re-format label.