2217-775 10-15-2004 1/19

NOTIFICATION

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval Expires 2-28-95

EPA

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
2217-775	Joanne I. Miller	☒ None ☐ Restricted
4. Company/Product (Name)	**PM#**	
EH-1073 Trimec® Ester	Product Manager—Team 23	

5. Name and Address of Applicant *(Include ZIP Code)*
PBI/Gordon Corporation
Post Office Box 014090
Kansas City, Missouri 64101
☐ Check if this is a new address

6. **Expedited Review.** In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:
EPA Reg. No. _____
Product Name _____

Section – II

☐ Amendment - Explain below.
☐ Resubmission in response to Agency letter dated _____
☒ Notification - Explain below.
☐ Final printed labels in response to Agency letter dated _____
☐ "Me Too" Application.
☐ Other - Explain below.

NOTIFICATION
OCT 15 2004

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

Notification per Pesticide Registration Notice (PRN) 98-10:

We ask to add one advertising claim that may be presented on the container label. Please refer to page 18 of the enclosed label.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Section 12 and 14 of FIFRA.

Section – III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging		Water Soluble Packaging		2. Type of Container
☐ Yes* ☐ No	☐ Yes ☐ No		☐ Yes ☐ No		☐ Metal ☐ Plastic ☐ Glass ☐ Paper ☐ Other *(Specify)*
***Certification must be submitted**	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
☐ Label ☐ Container		☐ On Label ☐ On Labeling accompanying product

6. Manner in Which Label is Affixed to Product ☐ Lithograph ☐ Paper glued ☐ Stenciled ☐ Other _____

Section - IV

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

Name	Title	Telephone No. *(Include Area Code)*
James L. Kunstman, Ph.D.	Director of Regulatory Services	816-460-6292

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature	3. Title	6. Date Application Received (Stamped)
James L Kunstman	Director of Regulatory Services	
4. Typed Name: James L. Kunstman, Ph.D.	5. Date: September 16, 2004	

EPA Form 8570-1 (Rev. 3-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

NOTIFICATION 2/19

OCT 15 2004

Official Name: **EH 1073 TRIMEC® ESTER**

Brand Name: **GORDON'S CLEANOUT™ BRUSH AND STUMP CONTROL**

ACTIVE INGREDIENTS:	
Isooctyl (2-ethylhexyl) ester of 2,4-dichlorophenoxyacetic acid	9.74%
2-ethylhexyl ester of (+)-R-2-(2,4-dichlorophenoxy) propionic acid	4.78%
Dicamba: 3,6-dichloro-o-anisic acid	1.65%
INERT INGREDIENTS:	83.83%
TOTAL	100.00%

This product contains:
0.49 lbs. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 6.46%
0.24 lbs. 2-ethylhexyl ester of (+)-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 the single isomer form of 2,4-DP-p.
Contains aromatic petroleum distillates.
Isomer Specific by AOAC Method

KEEP OUT OF REACH OF CHILDREN

WARNING

See next panel for additional Precautionary Statements and First Aid.

NET CONTENTS (1, 2.5, 5, 30, 55) U.S. GALLON

AP091504
EPA REG. NO. 2217-775
EPA Est. No. 2217-KS-1
MANUFACTURED BY:

pbi/gordon corporation
An Employee-Owned Company
1217 West 12th Street
Kansas City, Missouri 64101
Telephone: 1-800-821-7925

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

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Causes substantial but temporary eye injury. Causes skin irritation. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing.

FOR INDUSTRIAL SITES ONLY -

Clothing Requirement Statements: When mixing, loading, or applying this product, or repairing or cleaning equipment used with this product, wear eye protection (face shield or safety glasses), chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes. It is recommended that safety glasses include front, brow and temple protection. For aerial applicators in an enclosed cockpit and applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required.

Personal Hygiene Statements: Wash hands, face and arms with soap and water as soon as possible after mixing, loading, or applying this product. Wash hands, face and arms with soap and water before eating, smoking or drinking. Wash hands and arms before using toilet. After work, remove all clothing and shower using soap and water. Do not reuse clothing worn during the previous day's mixing and loading or application of this product without cleaning first. Clothing must be kept and washed separately from other household laundry. Remove saturated clothing as soon as possible and shower.

FOR TURF SITES ONLY -

Clothing Requirement Statements: When using this product, wear long-sleeved shirt, long pants, socks, shoes, chemical resistant gloves and eye protection. It is recommended that safety glasses include front brow and temple protection.

Personal Hygiene Statements: After using this product, rinse gloves before removing; remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

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 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.

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 on skin or clothing:	• 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:	• 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:	• 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.
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:** Contains Petroleum distillate—vomiting may cause aspiration pneumonia.	

ENVIRONMENTAL HAZARDS:

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater. When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources. Do not apply when weather conditions favor drift from target area. Do not contaminate domestic or irrigation waters.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and 2,4-DP-p have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and 2,4-DP-p pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

If spills occur, collect the material and dispose of by following disposal instructions on this label.

PHYSICAL OR CHEMICAL HAZARDS: Do not use or store near heat or open flame.

OPTION (1).

DIRECTIONS FOR USE

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

STORAGE & DISPOSAL

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

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.

APPLICATION TIMING FOR MIXED BRUSH:

Spraying can be effective throughout the growing season from full leaf to leaf drop for mixed brush. Full coverage 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 EH1073 Trimec® Ester 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	Cherry	Pine
Ash	Cottonwood	Poplar
Aspen	Dogwood	Sassafras
Barberry	Elm	Shortleaf pine
Birch	Gooseberry	Spruce
Blackberry	Honey locust	Sumac
Black cherry	Honeysuckle	Sycamore
Black locust	Kudzu	Trumpetcreeper
Brambles	Maple	Wild plum
Buckbrush	Multiflora rose	Willow
Cedar	Oak	

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

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

*Synonyms

SPRAY PREPARATION:

Oil Spray - Add one-half the required amount of diesel oil (No. 1 or No. 2 fuel oil) to the spray tank, then add EH1073 Trimec® Ester with agitation and complete filling the tank with diesel oil. Mix thoroughly and provide adequate agitation during mixing and spraying.

Water Spray - Add one-half of the required amount of water to the spray tank, then add slowly EH1073 Trimec® Ester with agitation, and complete filling the tank with water. To prevent separation of the emulsion, mix thoroughly and continue agitation while spraying.

Tank Mixing With Garlon® 4 Herbicide - EH1073 Trimec® Ester and Garlon® 4 Herbicide can be tank mixed in oil or water carriers for use in roadsides, rights-of-ways, railroads, fencerows, industrial sites and other similar noncrop areas. Add one-third of the required amount of diesel oil or water to the spray tank. Add the EH1073 Trimec® Ester slowly with agitation, then add another one-third of the carrier to the tank. Next add slowly the Garlon® 4 Herbicide and the balance of the carrier. Do not mix the chemicals simultaneously. Continue the agitation during each step. All label limitations, dosage rates, and precautions of both products must be followed. A mixture of EH1073 Trimec® Ester and Garlon® 4 Herbicide should be used in accordance with the more restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing. Aerial applications of this tank mix can be made with helicopter only.

EH1073 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.

MIXED BRUSH APPLICATIONS:

Use 2.0 to 4.0 gallons of EH1073 Trimec® Ester in 100 gallons of water and apply as a full coverage spray wetting all leaves, stems, and root collars of broadleaf weeds and woody plants. This spray concentration requires a spray volume of 100 to 300 gallons per acre, depending on the height and density of the plants. Use the higher dosage rates and spray volumes with hard to control species with dense canopies or under drought conditions.

TABLE 1. USE RATES FOR MIXED BRUSH WITH GROUND EQUIPMENT.

Product Name	Gallons of Product per 100 Gallons of Water [a]	Gallons of Product per Acre
	High Volume: 100 to 300 gal/A Total Spray Volume	Low Volume Broadcast: 20 to 100 gal/A Total Spray Volume
EH1073 Trimec® Ester	2.0 to 4.0	2.0 to 8.0
[a]Diesel Oil, No. 1 or No. 2 fuel oil, mineral oil, or kerosene may be added to the water as an adjuvant at spray concentrations less than 1 to 2% volume/volume.		

MIXED BRUSH APPLICATIONS WITH AERIAL EQUIPMENT:

Use 2.0 to 8.0 gallons of EH1073 Trimec® Ester in 8 to 25 gallons of water with aerial applications for mixed brush in noncropland areas. For best control, the brush and broadleaf weeds should be young and actively growing at the time of spraying. Use the higher rates and spray volumes when plants are dense or under drought conditions. Apply with aircraft equipped to minimize spray drift and apply only when there is little or no wind.

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TABLE 2. USE RATES WITH AERIAL EQUIPMENT.

Product Name	Gallons of Product per Acre	Total Spray Volume
EH1073 Trimec® Ester	2.0 to 8.0	8 to 25 gal/A

BASAL APPLICATIONS:

Basal Bark Method - Mix the appropriate amount of EH1073 Trimec® Ester with the appropriate amounts of diesel oil, mineral oil, surfactants, and/or basal oils. *Refer to Table 3.* For high volume applications, 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 low volume applications, use an applicator calibrated to deliver a uniform spray to all sides of the stems and trunks up to a height of 18 to 24 inches. For all basal treatments thorough coverage is required.

TABLE 3. USE RATES FOR BASAL BARK METHOD IN NONCROPLAND SITES.

Volume of Spray Solution, Gallons	Gallons Needed for Desired Volume			
	EH1073 Trimec® Ester	Penetrants[a]	Diesel Oil[b]	Basal Oil[c]
Low Volume 10	8	0.25 to 0.50	1.5 to 1.75	-----
Low Volume 10	6.7	0.25 to 0.50	-----	1.5 to 1.75
High Volume 100	12.0 to 20.0	-----	80 to 88	-----

[a]Penetrants such as Cide-Kick or Cide Kick II may improve control. Penetrant concentrations range from 2.5 to 5.0% of the spray volume and the 5.0% concentration may be more suitable in cold weather. Crop oil concentrates with pariffinic oil concentrations greater than 80% may also be used.

[b]Mineral oil or kerosene can be substituted for diesel oil.

[c]Androc Oil, Hygrade I, Arborchem Basal Oil, JLB Oil Plus, or other proprietary basal oils may be used.

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. Mix 2.0 to 4.0 gallons of EH1073 Trimec® Ester with 23 to 24 gallons of diesel oil. For backpack sprayers or other equipment mix 40 to 80 fluid ounces of EH1073 Trimec® Ester with 4.0 gallons of diesel oil. Apply to freshly cut tree stumps with a low volume backpack sprayer using an appropriate nozzle. Spray thoroughly the cut surfaces, bark, and exposed roots. Drench until runoff to the soil surface is noticed.

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 12 to 16 gallons of EH1073 Trimec® Ester in 100 gallons of diesel oil and treat freshly cut frills at any time of the year. Spray or pour the spray mixture into the frills without runoff.

USE PRECAUTIONS:

- Do not apply this product through any type of irrigation system.
- Do not allow this product to drift onto nontarget areas. Avoid spray drift to cotton, soybeans, tomatoes, tobacco, grapes, fruit trees, flowers, or garden crops and all other hormone herbicide-sensitive desirable plants. Do not apply near sensitive plants since small quantities of herbicide drift may cause severe injury. Do not apply herbicide when wind speed is sufficient to cause drift.
- Do not apply herbicide when an air temperature inversion exists. An air inversion may be detected by creating a smoke column and observing a layering effect.
- Do not apply when temperatures exceed 85°F and humidity is high.
- To aid in avoiding spray drift use coarse sprays and low pressure. The use of thickening agents or anti drift additives and drift reducing equipment is of value in preventing spray drift.

ORNAMENTAL LAWNS & 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.

Re-entry Statement: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried or dust has settled.

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 allow this product to drift onto nontarget areas. Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solutions near desirable plants.
- Do not use on carpetgrass, dichondra, St. Augustinegrass, bentgrass, nor on lawns or turf where desirable clovers are present.
- Use only lawn-type sprayers. Avoid fine sprays; coarse sprays are less likely to wind drift.
- 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. Seed can be sown 3 to 4 weeks after application.
- Do not spray when air temperatures exceed 85°F.
- 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 in 1 to 6 gallons of water per 1,000 square feet). Use higher rates when using the higher volume of water per acre.

The maximum application rate to turf is 0.8 pounds 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

Controlled Droplet Applicators (CDA) - Controlled droplet applicators allow ultra low spray volumes, and EH1073 Trimec® Ester may be applied at the rate of 8 pints of product per acre (3.0 fluid ounces of product per 1,000 square feet). Avoid overlapping between spray patterns. For the Herbi ULV sprayer, add 1.5 pints of EH1073 Trimec® Ester to 3.5 pints of water and apply this mixture to 8,250 square feet of lawn.

Small Area Applications (Not Recommended For Hose End Sprayers) - For spot treatments and small areas, mix EH1073 Trimec® Ester 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 EH1073 Trimec® Ester after the grass has been mowed at least 3 times. Do not water the lawn within 24 hours after application and observe use precautions.

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

---------- End of OPTION (1) ----------

OPTION (2). Text for Gordon's Cleanout™ Brush and Stump Control.

DIRECTIONS FOR USE

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

STORAGE & DISPOSAL

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

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.

NONCROPLAND SITES:

Gordon's Cleanout™ Brush and Stump Control 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.

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APPLICATION TIMING FOR MIXED BRUSH:

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

*Synonyms

12/19

BROADCAST FOLIAR APPLICATIONS:

Mixed Brush Applications With Ground Equipment:

For high volume foliar application - Use 2.0 to 4.0 gallons of Gordon's Cleanout™ Brush and Stump Control in 100 gallons of water (2.0 to 4.0% volume/volume) and apply as a full cover spray wetting all leaves, stems, and root collars of woody plants. This spray concentration requires a spray volume of 100 to 300 gallons per acre, depending on the height and density of the plants.

Spray Preparation - Add one-half of the required amount of water to the spray tank, then add slowly Gordon's Cleanout™ 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.

Table 1. Quick-mix instructions for preparing 1.0 to 100 gallons of spray solution at 2.0 to 4.0% concentrations with water for foliar applications.

Spray Solution, Gallons	Amounts of Cleanout™ Brush and Stump Control required for:		
	2%	3%	4%
1	2½ fluid ounces	3¾ fluid ounces	5 fluid ounces
3	8 fluid ounces	12 fluid ounces	16 fluid ounces
5	13 fluid ounces	20 fluid ounces	26 fluid ounces
25	½ gallon	¾ gallon	1.0 gallon
50	1.0 gallon	1½ gallons	2.0 gallons
100	2.0 gallons	3.0 gallons	4.0 gallons
Equal Measures: 1 gallon = 128 fluid ounces = 4 quarts *Food utensils such as measuring spoons or cups must not be used for food purposes after use with pesticides.*			

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™ 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. Spray until runoff and pooling at the ground line is noticed. 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™ 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). Or, use the equivalent spray concentration of 16.0% volume/volume.

Refer to Table 2 for additional spray preparation instructions with oil.

Table 2. Quick mix instructions for preparing 1 to 5 gallons of spray solutions with oil for basal bark, cut surface, and frill applications.

Spray Solution, Gallons	Amounts of Gordon's Cleanout™ Brush & Stump Control required, Fluid Ounces
1	20 fluid ounces (1¼ pints)
2	40 fluid ounces (2½ pints)
3	60 fluid ounces (3¾ pints)
5	100 fluid ounces (6¼ pints)
Equal Measures: 16 fluid ounces = 1 pint = ½ 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™ 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. Drench until runoff to the soil surface is noticed.

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™ 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.

USE PRECAUTIONS FOR ALL METHODS OF APPLICATION:

- Do not apply this product through any type of irrigation system.
- Do not allow this product to drift onto nontarget areas.
- Avoid spray drift to cotton, soybeans, tomatoes, tobacco, grapes, fruit trees, flowers, or garden crops and all other hormone herbicide-sensitive desirable plants.
- Do not apply near sensitive plants since small quantities of herbicide drift may cause severe injury. Do not apply herbicide when wind speed is sufficient to cause drift.
- Do not apply herbicide when an air temperature inversion exists. An air inversion may be detected by creating a smoke column and observing a layering effect.
- Do not apply when temperatures exceed 85°F and humidity is high. To aid in avoiding spray drift use coarse sprays and low pressure. The use of thickening agents or anti drift additives and drift reducing equipment is of value in preventing spray drift.

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.

Re-entry Statement: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried or dust has settled.

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 allow this product to drift onto nontarget areas.
- Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solutions near desirable plants.
- Do not use on carpetgrass, dichondra, St. Augustinegrass, bentgrass, nor on lawns or turf where desirable clovers are present.
- Use only lawn-type sprayers. Avoid fine sprays; coarse sprays are less likely to wind drift.
- 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.

The maximum application rate to turf is 0.8 pounds 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

Small Area Applications (Not Recommended For Hose End Sprayers) - For spot treatments and small areas, mix Gordon's Cleanout™ 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™ 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.

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

========== **End of OPTION (2)** ==========

OPTION (3). Text for Spot Treatments in Noncropland Areas

DIRECTIONS FOR USE

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

(For containers less than 1 gallon):

STORAGE AND DISPOSAL

STORAGE: Store in original container in a locked storage area inaccessible to children.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container. Rinse thoroughly before discarding in trash.

GENERAL INFORMATION:

This herbicide is intended for spot treatments for the control of broadleaf weeds, vines, and woody plants in noncropland areas. Spot treatments include foliar applications and cut surface-stump applications. This product controls or suppresses the following brush along fencelines, along walkways, on vacant lots, on parking areas, and on farm premises.

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

*Synonyms

FOLIAR TREATMENTS:

Foliar applications for mixed brush are effective from full leaf expansion in the spring until leaf drop in the fall. Schedule applications during warm weather when the brush and broadleaf weeds are actively growing. Reduced performance may result with fall treatments following a frost.

Applications should be made on a spray-to-wet basis. All leaves, stems, shoots (suckers) should be thoroughly wetted to the ground. Backpack, knapsack, and hand pump sprayers are suitable for this method.

Mix 3.0 to 5.0 fluid ounces of product in 1.0 gallon of water or prepare a 2.0 to 4.0% (volume/volume) spray solution. Or, the equivalent measure is 6 to 10 tablespoons of product per 1.0 gallon of water. Use the higher dosage rates for larger plants, dense growth or adverse conditions.

Refer to Table 1 for additional instructions for spray preparations with water.

Table 1. Mixing instructions for preparing 1.0 to 3.0 gallons of spray solution with water for foliar applications.

Spray Solution, Gallons	Amounts of product required for:		
	2.0%	3.0%	4.0%
1.0	3 fluid ounces	4 fluid ounces	5 fluid ounces
2.0	5 fluid ounces	8 fluid ounces	10 fluid ounces
3.0	8 fluid ounces	12 fluid ounces	16 fluid ounces
Equal Measures: 1.0 fluid ounces = 2 tablespoons of product *Food utensils such as measuring spoons or cups must not be used for food purposes after use with pesticides.*			

Allow 5 to 7 days after application before cutting or removal. Additional applications may be needed to control regrowth on resistant species.

CUT SURFACE—STUMP TREATMENTS:

The cut surface treatment is appropriate for tree stumps with diameters larger than 3 to 4 inches. Cut surface treatments are effective throughout the year except when snow, ice or water prevents complete spray coverage.

The whole stump should be sprayed with this product soon after the trees are cut. Spray thoroughly the cut surfaces, bark, and the exposed roots. Treat the entire circumference of the tree stump. Drench until runoff to the soil is noticed. Backpack, knapsack, and hand pump sprayers are suitable equipment.

Mix 20.0 fluid ounces of product with 1.0 gallon of water. Or, the equivalent measures are 1¼ pints (2½ cups) of product per 1.0 gallon of water. Mineral oil, kerosene or diesel oil (No. 1 or No. 2 fuel oil) may be substituted for water.

Refer to Table 2 for additional instructions for spray preparations.

Table 2. Mixing instructions for preparing 1.0 to 1.6 gallons of spray solution for cut surface applications.

Spray Solution, Gallons	Amounts of product required for:		
	Fluid Ounces	Pints	Cups
1.0	20	1¼	2½
1.6	32	2	4
Equal Measures: 1.0 quart = 32 fluid ounces = 2 pints = 4 cups			

========== **End of OPTION (3)** ==========

LIMITED WARRANTY AND DISCLAIMER.

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

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 EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

GARLON® 4 Herbicide is a registered trademark of Dow AgroSciences, L.L.C.
HY-GRADE I™ 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

APPENDIX

I. Advertising Claims that may be presented on the container or supplemental labeling:

- 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.