

CLICK HERE TO JUMP TO USE DIRECTIONS

Brushmaster[®]

HERBICIDE

GORDON'S
AGRICULTURAL PRODUCTS

Controls multiflora rose, brambles, cedar, locust, poison oak, poison ivy, honeysuckle, thistle, kochia, kudzu, and many other trees, vines and broadleaf weeds.



ACTIVE INGREDIENTS:

Isooctyl (2-ethylhexyl) ester of 2,4-dichlorophenoxyacetic acid	18.85%
2-ethylhexyl ester of (+)-R-2-(2,4-dichlorophenoxy) propionic acid	9.24%
Dicamba: 3,6-dichloro-o-anisic acid	3.01%
INERT INGREDIENTS:	68.90%
TOTAL 100.00%	

THIS PRODUCT CONTAINS:

1.02 lbs. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 12.50%.
0.51 lbs. 2-ethylhexyl ester of (+)-R-2-(2,4-dichlorophenoxy) propionic acid equivalent per gallon or 6.25%.
0.24 lb. 3,6-dichloro-o-anisic acid equivalent per gallon or 3.01%.
Contains aromatic petroleum distillates.
Contains the single isomer form of 2,4-DP-p.
Isomer Specific by AOAC Method.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See below for additional Precautionary Statements, First Aid and full Directions for Use.

774/3-2003 AP082602
EPA REG. NO. 2217-774

Manufactured By
G pbi / GORDON CORPORATION
An Employee-Owned Company
1217 West 12th Street
Kansas City, Missouri 64101
www.pbigordon.com



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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS:

CAUTION: Harmful if swallowed, absorbed through skin or inhaled. Causes moderate eye injury. Avoid contact with eyes, skin or clothing, or inhaling spray mist. Prolonged or frequently repeated contact may cause allergic reactions in some individuals.

FOR INDUSTRIAL SITES ONLY:

Clothing Requirement Statements: When mixing, loading or applying this product, or repairing or cleaning equipment used with this product, wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves and eye protection. It is recommended that eye protection 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 days 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 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.

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 <i>any</i> 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.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
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. For terrestrial uses, 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.

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.

Gordon's BRUSHMASTER® Herbicide 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:

Recommended Noncropland Sites: • Barrier strips • Farmyards • Fencerows or fence lines • Firebreaks • Highway rights-of-way (principal, interstate, county, private, and unpaved roads): Roadsides, roadside ditches, 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.

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.

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 BRUSHMASTER® Herbicide 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:

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

WEEDS CONTROLLED:

Aster, white heath & white prairie	Bindweed	Bull thistle
Bedstraw	Black medic	Burclover
Beggarweed, creeping	Broadleaf plantain	Burdock, common
	Buckhorn plantain	Buttercup, creeping

Carpetweed	Jimsonweed	Red sorrel
Chickweed, common	Kochia	(*sheep sorrel)
Chicory	Lambsquarters	Shepherdspurse
Cinquefoil	Lawn burweed	Spotted spurge
Clover	Lespedeza, common	Spurge
Cocklebur	Mallow, common	Sunflower
Compassplant	Matchweed	Thistle
Curly dock	Mouseear chickweed	Velvetleaf (*pie marker, Indian mallow)
Dandelion	Mustard	<i>Veronica</i>
Dayflower	Nettle	(*corn speedwell)
Deadnettle	<i>Oxalis</i> (*yellow woodsorrel & creeping woodsorrel)	Virginia buttonweed
Dock	Parsley-piert	White clover (*Dutch clover, honeysuckle clover, white trefoil & purplewort)
Dogfennel	Pennsylvania smartweed (*smartweed)	Wild carrot
English daisy	Pennywort (*dollarweed)	Wild garlic
False dandelion (*spotted catsear & common catsear)	Pepperweed	Wild geranium
Field bindweed (*morninggloory & creeping jenny)	Pigweed	Wild lettuce
Field oxeye-daisy (*creeping oxeye)	Pineappleweed	Wild mustard
Filaree, whitestem & redstem	Plantain	Wild onion
Florida pusley	Poison ivy	Wild strawberry
Ground ivy	Poison oak	Wild violet
Groundsel	Prostrate knotweed (*knotweed)	Yarrow
Hawkweed	Puncturevine	Yellow rocket
Healall	Purslane	
Henbit	Ragweed	*Synonyms

BROADCAST FOLIAR APPLICATIONS



Mixed Brush Applications With Ground Equipment: For high volume foliar application: Use 1.0 to 2.0 gallons of Gordon's BRUSHMASTER® Herbicide in 100 gallons of water (1.0 to 2.0% vol./vol.) 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 BRUSHMASTER® Herbicide 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 to 100 gallons of spray solution at 1.0 to 2.0% concentrations with water for foliar applications.

Spray Solution, Gallons	Amounts of BRUSHMASTER® required for:		
	1%	1½%	2%
1	1½ fluid ounces	2 fluid ounces	2¾ fluid ounces
3	4 fluid ounces	6 fluid ounces	8 fluid ounces
5	6¾ fluid ounces	10 fluid ounces	13½ fluid ounces
50	½ gallon	¾ gallon	1 gallon
100	1 gallon	1½ gallons	2 gallons

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

BASAL, CUT SURFACE, AND FRILL APPLICATIONS

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.

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 BRUSHMASTER® Herbicide 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.

For backpack sprayers, knapsack sprayers, and hand pump sprayers. Mix 10.0 fluid ounces (fl. oz.) of Gordon's BRUSHMASTER® Herbicide with 1 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 8.0% 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 solution with oil for basal bark, cut surface, and frill applications.	
Spray Solution Gallons	Amounts of BRUSHMASTER® required
	Fluid Ounces
1	10 (1¼ cups)
2	20 (1½ pints)
3	30 (1¾ pints)
5	50 (3⅓ pints)
Equal Measures: 8 fluid ounces = 1 cup 16 fluid ounces = 1 pint	

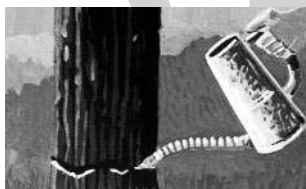


Cut Surface – Stump Treatment:

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 10.0 fluid ounces (fl. oz.) of Gordon's BRUSHMASTER® Herbicide 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 10.0 fluid ounces (fl. oz.) of Gordon's BRUSHMASTER® Herbicide 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.

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: 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 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 4 to 6 pints of product in 20 to 260 gallons of water per acre (1.5 to 2.2 fluid ounces of product 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 of 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 BRUSHMASTER® Herbicide at 1.5 fluid ounces per 1 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 BRUSHMASTER® Herbicide 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 Residential Turf With Hand-Operated Sprayers			
Amount of Product		Amount of Water	Area to be Treated
3 Tablespoons	1.5 Fluid Ounces	1 Gallon	1,000 Square Feet
6 Tablespoons	3.0 Fluid Ounces	2 Gallons	2,000 Square Feet
9 Tablespoons	4.5 Fluid Ounces	3 Gallons	3,000 Square Feet

LIMITED WARRANTY AND DISCLAIMER

Read the entire Directions for Use and Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

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.

TRIMEC® and BRUSHMASTER® are registered trademarks of PBI/Gordon Corporation.