



STATE OF HAWAII
Department of Agriculture

ACCEPTED

LICENSE NO. **9554.98**

Disc.

11458 - Pasture Pro 1-G. Label 10/13/05 1:26 PM Page 1



Pasture Pro HERBICIDE

**No waiting
between treatment
and grazing for
non-lactating
animals when
used alone.**



*Premium pasture herbicide for tough weed
and brush control. Knocks out thistles,
wild roses, buckbrush and more!*

ACTIVE INGREDIENTS:

Dimethylamine salt of	
2,4-dichlorophenoxyacetic acid	33.2%
Diethanolamine salt of	
2,4-dichlorophenoxyacetic acid	16.3%
INERT INGREDIENTS:	50.5%

This Product Contains: TOTAL 100.0%

3.8 lbs. 2,4-dichlorophenoxyacetic acid equivalent per
gallon or 38.6%
Isomer Special by AOAC Methods.

**KEEP OUT OF REACH OF CHILDREN
DANGER-PELIGRO**

See back panel for additional
Precautionary Statements
and First Aid.

**NET CONTENTS:
ONE U.S. GALLON**

811/10-2003



Pasture Pro[®] HERBICIDE

- Controls noxious weeds including Canada thistle, musk thistle, and leafy spurge.
- Controls weeds with spines and thorns which may cause injury to animals. Also controls poison ivy, poison oak, and sumac.
- Mesquite management directions included.
- Suitable for pastures grown for hay.
- Spot treatments are recommended for woody species in fencerows, including multiflora rose, Macartney rose, southern wild rose, and thistles.

*Peel open for
Precautionary Statements, First Aid
and Full Directions for Use.*

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EPA REG. NO. 2217-703
EPA EST. NO. 2217-KS-1

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





Pasture Pro[®] HERBICIDE

PASTURE PRO[®] consists of the dimethylamine and diethanolamine salts of 2,4-D especially formulated for low volume applications with ground equipment.

ACTIVE INGREDIENTS:

Dimethylamine salt of 2,4-dichlorophenoxyacetic acid	33.2%
Diethanolamine salt of 2,4-dichlorophenoxyacetic acid	16.3%

INERT INGREDIENTS:	<u>50.5%</u>
	TOTAL 100.0%

This Product Contains:

3.8 lbs. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 38.6%.
Isomer Specific by AOAC Methods.

KEEP OUT OF REACH OF CHILDREN DANGER - PELIGRO

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**See next column for additional
Precautionary Statements
and First Aid.**

KEEP FROM FREEZING



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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS:

DANGER: Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed, absorbed through skin or inhaled. Avoid breathing vapor or spray mist.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

Engineering Control Statements:

Containers over 1 gallon and less than 5 gallons in capacity: Mixers and loaders who do not use a mechanical system (probe and pump) to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to the other required PPE.

When handlers use enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • 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.</p> <p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

ENVIRONMENTAL HAZARDS: To prevent injury to susceptible crops and other desirable plants including but not limited to cotton, tomatoes, garden crops, and ornamentals, avoid contact with the spray solution, spray droplets, and spray mist (fine droplets). Applications are recommended only when there is no potential hazard from spray drift during dormant and active growth periods. Use coarse spray droplets, follow the recommendations of the equipment manufacturers, and apply when the wind velocity is less than 10 mph. Always check the spray tank and equipment for cleanliness before preparing the spray solution. To avoid subsequent injury to crops other than the use site, immediately clean the spray equipment and dispose the rinsates according to label instructions. Avoid contamination of water supplies that may be used to irrigate or water susceptible crops, or to be used for domestic purposes.

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.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D 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.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

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

AGRICULTURAL USE REQUIREMENTS

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

This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.

For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear: coveralls, waterproof gloves, shoes plus socks, and protective eyewear.

Non-Agricultural Use Requirements

The requirements in this box apply to use of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

(Continued on next page)

Non-Agricultural Use Requirements (Continued)

Reentry statement for residential and other turf sites excluding sod farms: 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.

STORAGE & DISPOSAL

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

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

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law 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 container: 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.

PRECAUTION FOR PAINTS AND COATINGS OF AUTOMOBILES AND OTHER VEHICLES: Undiluted spray droplets may damage the paint, coating, or finish of vehicles. Vehicles should not be sprayed. If accidental exposure does occur, then the vehicle should be washed before the spray droplets dry.

NOTICE TO USER: This product must be applied in compliance with the pesticide regulations of the state in which application is made. Check with local authorities regarding regulations which may affect the application of this product.

USE INSTRUCTIONS

PASTURE PRO® consists of the dimethylamine and diethanolamine salts of 2,4-D especially formulated for low volume applications with ground equipment.

GROUND APPLICATION: Apply in water, 1 to 40 gallons total solution per acre with conventional equipment. Low spray volumes (1 to 5 gallons per acre) may provide more effective weed control and better economy. Use nozzle systems capable of spraying correct gallonage with boom pressures of 25 psi or less.

WEEDS CONTROLLED LIST

Use PASTURE PRO® to control many broadleaf weeds including:

– PERENNIAL WEEDS –

Artichoke	Locoweed
Aster	Mugwort
Austrian fieldcress	Nettles
Bindweed	Orange hawkweed
Blackeyed susan	Povertyweed
Blue lettuce	Rush, Slender
Canada thistle	Sowthistle
Catnip	St. Johnswort
Chicory	Stinging nettle
Clover (many types)	Strawberry (wild)
Coffeweed	Tall buttercup
Dandelion	Tanweed
Dock	Toadflax
Dogbane	Vervain
Dogfennel	Whitetop
Goldenrod	(hoary cress)
Ground ivy	Wild garlic
Healall	Wild onion
Hemlock	Wild sweet potato
Ironweed	Yellow rocket
Leafy spurge	
Knapweed	
(spotted, Russian, diffuse)	

–ANNUAL AND BIENNIAL WEEDS –

Beggarticks	Gumweed
Bitterweed	Henbit
Black medic	Jewelweed
Broomweed	Jimsonweed
Bull thistle	Jim Hill mustard
Burdock	(tumble mustard)
Carpetweed	Knotweed
Catchweed bedstraw	Lambsquarters
Chickweed	Lettuce (wild)
Cinquefoil	Mallow
Cockle	Marestail (horseweed)
Cocklebur	Marshelder
Croton	Marijuana
Devilsclaw	Mediterranean sage
Falseflax	Miners lettuce
Fleabane (daisy)	Morningglory (annual)
Flixweed	Musk thistle
Frenchweed	Mustard
Galinsoga	Parsnip
Goatsbeard	Pennycress
Goosefoot	Pepperweed
Groundsel	Pigweed (redroot)

-ANNUAL AND BIENNIAL WEEDS (Continued) -

Plantain	Tansy mustard
Prickly lettuce	Tansy ragwort
Primrose	Turnleweed
Puncturevine	Tumble pigweed
Radish (wild)	Velvetleaf
Ragweed	Vetch
Russian thistle	Wild carrot
Scotch thistle	Wild parsnip
Shepherdspurse	Wild turnip
Sneezeweed	Witchweed
Sowthistle (common)	Wormwood
Spanishneedles	Yellow starthistle
Sunflower	

ALSO CERTAIN 2,4-D SUSCEPTIBLE WOODY PLANTS SUCH AS:

Big sagebrush	Multiflora rose
Buckbrush	Pine
Cedar	Poison ivy
Chamise	Poison oak
Cherokee rose	Rabbitbrush
Coastal sage	Sagebrush
Elderberry	Shinnery oak
Hazel	Sumac
Locust	Tropical soda apple
Manzanita	Willow
Macartney rose	

PASTURE AND RANGELAND**BROADCAST APPLICATIONS WITH GROUND EQUIPMENT:**

Dosage Rates: Refer to Table 1 for the broadcast rates of PASTURE PRO® applied with ground equipment.

TABLE 1. BROADCAST RATES PER ACRE FOR PASTURE AND RANGELAND			
Weed Types	Amount of PASTURE PRO® Quarts/Acre	Pounds of 2,4-D a.e./Acre	When to Apply
Annual Broadleaf	1.0-2.0 quarts	1.0-2.0 pounds	Spring or fall during active growth.
Biennial	1.0-2.0 quarts	1.0-2.0 pounds	Spring or fall during seedling to rosette stage.
Perennial	1.0-2.0 quarts	1.0-2.0 pounds	Spring or fall during bud to bloom stage.

The maximum application rate to pasture and rangeland is 2 pounds 2,4-D acid equivalent per acre per application per site.

On pasture and rangeland, the maximum seasonal rate is 6 quarts of product (5.7 pounds acid equivalent) per acre per season.

Do not use on bentgrass, alfalfa, clover, or other legumes. Do not use on newly seeded areas until grass is well established. Do not use from early boot to milk stage where grass seed production is desired.

Spray Volumes:

- For ground application of PASTURE PRO® alone, use a total spray volume of 1.0 to 40.0 gallons per acre (gpa).
- For ground application of the tank mixtures, use a minimum spray volume of 10.0 gallons per acre.

Grazing Restrictions and Harvest Intervals -

Observe these intervals:

1. A 7 day pregrazing interval for dairy cattle.
2. A 30 day preharvest interval for grass cut for hay.
3. A preslaughter interval for meat animals of 3 days.

TANK MIXTURES FOR PASTURE AND RANGELAND: PASTURE PRO®, a mixed amine salt of 2,4-D, can be applied as a tank mixture with BANVEL® Herbicide or TORDON® 22K to broaden the spectrum of weed control. To assure maximum safety and weed control, follow all precautions and limitations on this label and the labels of products used in tank mixtures with PASTURE PRO®.

TANK MIXTURES FOR PASTURES AND RANGELANDS	
Products	Rates
PASTURE PRO® + BANVEL® HERBICIDE	1 to 2 quarts/A + 1 to 2 pints/A
PASTURE PRO® + TORDON® 22K	1 to 2 quarts/A + ¼ to 2 pints/A

SPOT TREATMENTS WITH GROUND EQUIPMENT

High Volume Leaf Stem Treatments of Individual Plants or Small Areas with Backpack Sprayers, Knapsack Sprayers, Power Sprayers, Spray Guns, or Other Ground Equipment – This method is appropriate for sparse infestations of brush or woody species, for small areas, or for areas where broadcast applications are not feasible. Woody species including multiflora rose, Macartney rose, southern wild rose, and willow baccharis may be controlled with spot treatments. Perennial weeds including Canada thistle (late bud to early bloom), bull thistle (bud stage), musk thistle (spring or fall in rosette or early bud stage), leafy spurge (early to late bloom), and field bindweed (80% or greater bloom) may be effectively controlled with spot treatments of PASTURE PRO®.

For PASTURE PRO® alone, mix 2 gallons of PASTURE PRO® per 100 gallons of water (or 2 quarts of PASTURE PRO® per 25 gallons of water) (2.0% spray concentration). Spray volumes will depend upon the height, density, and type of weeds/brush. Thorough coverage of the leaves, stems, trunks, and root collars is essential. Apply as a spray-to-wet application for the best results. Coverage should be thorough for individual plants and use sufficient pressure to penetrate the center of large clumps (e.g. multiflora rose).

On pasture and rangeland, the maximum seasonal rate is 6 quarts of product (5.7 pounds acid equivalent) per acre per season.

Do not use on bentgrass, alfalfa, clover, or other legumes. Do not use on newly seeded areas until grass is well established. Do not use from early boot to milk stage where grass seed production is desired.

Grazing Restrictions and Harvest Intervals –

Observe these intervals for PASTURE PRO® treatments:

1. A 7 day pregrazing interval for dairy cattle.
2. A 30 day preharvest interval for grass cut for hay.
3. A preslaughter interval for meat animals of 3 days.

CONSERVATION RESERVE PROGRAMS (CRP)

PASTURE PRO® may be applied post-emergence to newly seeded and established grasses grown in Conservation Reserve Program (CRP) areas.

Treatments of PASTURE PRO® may injure or kill legumes including alfalfa, clovers, lespedezas, sweet clover, trefoils and vetches. Also, treatments of this product may be injurious and may reduce the seedling growth of buffalograss, bentgrass, kleingrass, sideoats grama, and switchgrass.

Do not graze or harvest treated Conservation Reserve Program acres.

NEWLY SEEDDED AREAS: Applications after the 5 to 6-leaf stage of grass seedlings.

PASTURE PRO® may be applied to newly seeded perennial grasses or to the newly seeded grasses grown with a companion/cover crop such as small grains. Post-emergent applications of this product are recommended only after the 5 to 6-leaf stage of the grass seedlings. Or, do not apply this product prior to the beginning of tillering of the perennial grass seedlings. Perennial grasses have shown tolerance to this product when the grass seedlings have tillered and have developed an adequate secondary root system.

Apply ¾ to 1 pint of PASTURE PRO® as a broadcast treatment to control annual broadleaf weeds. Biennial and perennial weeds may require follow-up or sequential treatments. The maximum application rate is 1.0 pound 2,4-D acid equivalent per acre per application per site.

ESTABLISHED PERENNIAL GRASS STANDS

Established grass stands are defined as perennial grasses that have been planted one or more seasons before the application of this product. Application rates and schedules are presented below:

ESTABLISHED GRASSES OF CONSERVATION RESERVE PROGRAM

Weeds Types	Broadcast Rates per Acre	When to Apply
	Amount of PASTURE PRO® (1) pints/acre	
Annual Broadleaf	¾-1 pint	Spring or fall during active growth.
Biennial	2-4 pints	Spring or fall during seedling or rosette stage.
Perennial	2-4 pints	Spring or fall during bud to bloom stage.

Footnote 1: Use the higher rate within the range specified for tall vegetation, dense canopies, weeds beyond the suggested growth stage, or during adverse conditions.

Biennial and perennial weeds may require follow-up or sequential treatments. The maximum application rate is 2.0 pounds 2,4-D acid equivalent per acre per application per site.

CONTROL OF SOUTHERN WILD ROSE: On fencerows, use 1 gallon of product per 100 gallons of water. Spray thoroughly as soon as foliage is well developed. Two or more treatments may be required.

LEAFY SPURGE CONTROL IN COLORADO, IDAHO, MINNESOTA, MONTANA, NEBRASKA, NORTH DAKOTA, SOUTH DAKOTA, WASHINGTON AND WYOMING: PASTURE PRO® is recommended for use in combination with TORDON® or BANVEL® for the suppression and/or control of leafy spurge on industrial noncropland sites in Colorado, Idaho, Minnesota, Montana, Nebraska, North Dakota, South Dakota, Washington and Wyoming.

How To Use: Apply 1 to 2 quarts of PASTURE PRO® in combination with 1 quart of TORDON® or 2 quarts of PASTURE PRO® plus 2 quarts of BANVEL®, or 2 quarts of PASTURE PRO® plus 1 pint of TORDON® plus 1 quart of BANVEL®. Rates are on a per acre basis.

Mix with water with spray volumes of 1 to 10 gallons per acre with conventional equipment. Add a nonionic agricultural surfactant at 0.25% by vol/vol (eg. 1 quart of surfactant per 100 gallons of solution).

IMPORTANT: Before using PASTURE PRO®, TORDON® and/or BANVEL® in these combinations, read and carefully observe the precautionary statements and all other information appearing on the product labels.

MESQUITE MANAGEMENT IN PERMANENT GRASS PASTURES AND RANGELAND

PASTURE PRO® and three tank mixtures have proven effective on mesquite in pastures and rangelands in Texas, Oklahoma, Arizona, and New Mexico. PASTURE PRO® can be tank mixed with RECLAIM® HERBICIDE, REMEDY® RANGE AND PASTURE HERBICIDE, and GRAZON® PC HERBICIDE for use on pasture and rangeland in accordance with the most restrictive of label limitations and precautions. No label dosages should be exceeded.

PASTURE PRO®, RECLAIM® HERBICIDE, and REMEDY® RANGE AND PASTURE HERBICIDE are classified as General Use Pesticides. However, GRAZON® PC HERBICIDE is classified as a Restricted Use Pesticide. Two terms of the restrictions including the following:

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicators certification. Commercial Certified Applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

APPLICATION SCHEDULES: The appropriate growth stage of mesquite for effective control occurs in the spring or early summer after the mesquite has fully leafed out and has turned dark green in color. Do not apply when the mesquite beans are elongating. The best environmental conditions include soil temperatures above 75°F (24°C) at the depth of 12 to 18 inches and adequate soil moisture for plant growth.

BROADCAST APPLICATIONS WITH GROUND EQUIPMENT

DOSAGE RATES: Refer to Chart I for the broadcast rates of PASTURE PRO® and tank mixtures applied with ground equipment.

SPRAY VOLUMES: For ground application of PASTURE PRO® alone, use a total spray volume of 1.0 to 40.0 gallons per acre (gpa). For ground application of the tank mixtures, use a minimum spray volume of 10.0 gallons per acre; for sites with mixed brush or dense growth 10 to 25 gallons per acre are recommended. Refer to Chart I for specific instructions.

SPRAY PREPARATION: PASTURE PRO® diluted with water forms a solution. Agricultural surfactants such as X-77® Spreader are recommended for tank mixtures with water alone. Drift control additives such as NALCO-TROL® may be used in reducing drift. Refer to Chart I for specific instructions.

Oil in water emulsions may increase the effectiveness of the tank mixtures when compared to spray mixtures with water alone. Oil in water emulsions include oil (diesel fuel, kerosene, fuel oil, or mineral oil), an emulsifier, and the herbicides. The amount of oil in the spray mixture will range from 5 to 20 percent of the total spray mixture, and the maximum rate of oil should not exceed 1 gallon per acre. Emulsifiers such as SPONTO® 712, TRITON® X-100, or RANGELAND SPRAMATE® must be used for adequate stability in oil-water emulsions. Drift control agents such as NALCO-TROL® may be used in reducing drift. Always use a jar test to check compatibility before preparing tank mixtures. Refer to Chart I for specific instructions.

HARVEST AND GRAZING INTERVALS: Refer to Chart I on page 9.

HIGH VOLUME LEAF STEM TREATMENTS OF INDIVIDUAL MESQUITE PLANTS WITH BACKPACK SPRAYERS, KNAPSACK SPRAYERS, POWER SPRAYERS, SPRAY GUNS, OR OTHER GROUND EQUIPMENT:

This method is appropriate for sparse infestations of mesquite trees less than 6 to 8 feet in height or as a follow-up treatment in subsequent or different growing seasons. PASTURE PRO® may be applied alone or in combination with RECLAIM® in a dilution with water or in an oil-water emulsion.

For PASTURE PRO® alone, mix 2 gallons of PASTURE PRO® per 100 gallons of water (or 2 quarts of PASTURE PRO® per 25 gallons of water) (2.0% spray concentration). For PASTURE PRO® + RECLAIM® tank mixture, mix 1 gallon of PASTURE PRO® plus 0.5 to 0.75 gallon of RECLAIM® HERBICIDE per 100 gallons of water (1.0% and .5 to .75% spray concentration of PASTURE PRO® and RECLAIM®, respectively). See Chart II on page 10 for additional instructions for the spray preparation of 100 gallons of spray solution.

Spray volumes will depend upon the density and height of the mesquite plants. Thorough coverage of the leaves, stems, trunks, and root collars is essential. Apply as a spray-to-wet application for the best results. However, do not exceed one application of 1½ pints per acre per year of RECLAIM® HERBICIDE.

CHART I — TANK MIXTURE RECOMMENDATIONS FOR FOLIAR BROADCAST TREATMENTS USING GROUND EQUIPMENT

Product Name	Restricted Use	Approved States	Amount of Product		Spray Volume	Spray Preparations					Grazing and Harvest Intervals
			Quarts per Acre	Pounds a.i./acre		Water Solutions		Oil: Water Emulsions			
					gpa	Agricultural Surfactants % vol./vol.⁵	Drift Control Additives	Ratio of Oil to Water	Emulsifiers	Drift Control Additives	
Pasture Pro®	NO	New Mexico Oklahoma Texas Arizona	2.0	1.9	1-10	—	—	—	—	—	See footnote 1.
Pasture Pro® plus Reclaim® Herbicide	NO	New Mexico Oklahoma Texas	1.0 0.34-0.67	0.95 0.25-0.50	10-20	0.25% w/v	Nalco-Trol or Equivalent	5-10% with maximum of 1 gallon of oil per acre	Sporto 712 or Triton X-100	Nalco-Trol or Equivalent	See footnotes 1, 2.
Pasture Pro® plus Remedy® Range and Pasture Herbicide	NO	New Mexico Oklahoma Texas Arizona	1.0 0.50	0.95 0.50	>10	0.50% w/v	Nalco-Trol or Equivalent	5-10% with maximum of 1 gallon of oil per acre	Rangeland Spra-Mate, Sponto 712, or Triton X-100	Nalco-Trol or Equivalent	See footnotes 1, 3.
Pasture Pro® plus GRAZON® PC HERBICIDE	YES	New Mexico Oklahoma Texas	1.0 0.5-1.0	0.95 0.25-0.50	10-25	0.50% w/v	Nalco-Trol or Equivalent	15-20% with maximum of 1 gallon of oil per acre	Sporto 712 or Triton X-100	Nalco-Trol or Equivalent	See footnotes 1, 4.

- Observe these intervals.
 - A 7 day pregrazing interval for dairy cattle.
 - A 30 day preharvest interval for grass cut for hay.
 - A preslaughter interval for meat animals of 3 days.
- Do not spray pastures containing desirable forbs, especially legumes, unless injury to such plants can be tolerated. Do not treat more than once a year. Fall treatments are not recommended. Do not transfer livestock from treated grazing areas onto sensitive broadleaf crop areas without allowing 7 days of grazing on an untreated pasture.
- Do not spray pastures containing desirable forbs, especially legumes such as clover, unless injury or loss of plants can be tolerated. Withdraw livestock from treated forage at least 3 days before slaughter during the year of treatment. Do not graze lactating dairy animals on treated areas for one year following treatment. Do not harvest grass for hay from treated areas for one year following treatment.
- Do not transfer livestock from treated areas onto broadleaf crop areas without first allowing 7 days of grazing on untreated grass pasture. Otherwise, urine may contain enough picloram to cause injury to sensitive broadleaf plants. Do not spray pastures if the forage legume component is desired. GRAZON® PC HERBICIDE may injure or kill legumes. Also, new legume seedings may not be successful if made within 2 years following application of this herbicide. Do not treat with GRAZON® PC HERBICIDE (Picloram) more than once a year. Maximum application rate for GRAZON® PC HERBICIDE is 2 pints per acre per year (0.5 lbs. ae/A).
- Use nonionic agricultural surfactants such as X-77® Spreader or equivalent products.

CHART II. SPRAY PREPARATION CHART FOR MIXING 100 GALLONS OF SPRAY SOLUTION

Spray Concentration (% vol/vol) and Type	Amounts of Products to Make 100 Gallons of Spray Solution					
	PASTURE PRO® Gallons	RECLAIM® Gallons	Water Gallons	Oil ¹ Gallons	X-77® Spreader ² Gallons	Emulsifier ³ Gallons
2.0% water dilution	2.0	—	98	—	—	—
1.0% + (0.5 to .75%) water dilution	1.0	0.5-0.75	98.0-98.25	—	0.25	—
1.0% + (0.5 to 0.75%) oil-water emulsion	1.0	0.5-0.75	93.1-93.40	5.0	—	0.12

- 1) Add oil to the total spray mixture at the rate of 5% (vol./vol.), but do not use more than 1 gallon of oil per acre for this oil-water emulsion.
- 2) Nonionic agricultural surfactants may be substituted for X-77® Spreader.
- 3) TRITON® X-100, SPONTO® 712, or other emulsifiers are added at the rate of 3 fluid ounces per gallon of oil.

Observe these grazing and harvest intervals for PASTURE PRO® treatments.

1. A 7 day pregrazing interval for dairy cattle.
2. A 30 day preharvest interval for grass cut for hay.
3. A preslaughter interval for meat animals of 3 days.

Observe these additional precautions for PASTURE PRO® and RECLAIM® HERBICIDE combinations.

- Do not spray pastures containing desirable forbs, especially legumes, unless injury to such plants can be tolerated.
- Do not treat more than once a year. Fall treatments are not recommended. Do not transfer livestock from treated grazing areas onto sensitive broadleaf crop areas without allowing 7 days of grazing on an untreated pasture.

NONCROPLAND INCLUDING FENCEROWS, HEDGEROWS, ROADSIDES, DRAINAGE DITCHBANKS, FIREBREAKS, HIGHWAY RIGHTS-OF-WAY, UTILITY RIGHTS-OF-WAY, AIRPORTS/AIRFIELDS, VACANT LOTS AND INDUSTRIAL SITES.

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

Up to 1.0 gallon of product per acre (4.0 lbs. acid equivalent per acre) may be applied in a single application.

The maximum noncropland application rate for tree, brush and woody plant control is 1.0 gallon 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
Woody plants	Broadcast and high volume foliar	1.0 gal./A or 8 pints/A	4.0 #/A	1	NA

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

Apply 0.25-1.0 gallon of product per acre with adequate water or apply a 0.25-1.0% 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). The maximum seasonal application rate for trees, brush and woody plant control is 1.0 gallon of product per acre per application per site.

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 100-400 gallons of spray solution per treated acre. The spray preparation chart for applications on a spray-to-wet basis is shown in Table 2.

Table 2. Instructions for preparing 100-400 gallons of spray solution at 0.25-1.0% spray concentration with water for high volume foliar applications.

Spray solution per acre, Gallons	Amount of Product Needed for Spray Concentration of:			
	0.25%	0.33%	0.5%	1.0%
100	0.25 gal.	0.33 gal.	0.5 gal.	1.0 gal.
200	0.5 gal.	0.67 gal.	1.0 gal.	—
300	0.75 gal.	1.0 gal.	—	—
400	1.0 gal.	—	—	—

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

For backpack sprayers, knapsack sprayers, and hand-pressurized pump sprayers.

Table 3. Instructions for preparing 1-3 gallons of spray solution at 0.25-1.0% spray concentration with water for high volume foliar applications.

Gallons Of Water	Amount of Product Needed for Spray Concentration of:			
	0.25%	0.33%	0.5%	1.0%
1	2 teaspoons	3 teaspoons	4 teaspoons	8 teaspoons
2	4 teaspoons	2 tablespoons	3 tablespoons	6 tablespoons
3	2 tablespoons	3 tablespoons	4 tablespoons	8 tablespoons

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

Dosage rates per acre depend on the density of brush and/or weeds. For small broadleaf weeds, use the lower rate. Heavy dense stands of brush require the high rate with higher water volume.

To effectively control brush, all leaves, stems and suckers should be thoroughly wetted to the ground. Apply when plants come into full leaf (spring) to the time plants begin to go dormant. Best results are obtained when brush and broadleaf weeds are young and actively growing. Do not cut brush until the herbicide has translocated throughout the plant causing root death.

BROADLEAF WEED CONTROL IN NONCROPLAND GRASS AREAS:

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

Use 1.0-2.0 quarts of product per acre. The maximum application rate to noncropland sites is 2.0 quarts (4 pints) of product per acre per application per site.

Minimum spray volume: Use 2 or more gallons of spray solution per acre.

Number of applications: Limited to 2 applications per year.

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	2.0 quarts/A or 4.0 pints/A	2.0 #/A	2	30 days	2

For Ornamental Turfgrass Established in Lawns, Golf Courses, Cemeteries, and Parks – Use 1.0-2.0 quarts of product per acre. For residential and other turf sites excluding sod farms, the maximum application rate to turf is 2.0 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.

Do not use on dichondra or other herbaceous groundcovers. Do not use on creeping grasses such as bentgrass except for spot treating nor on newly seeded turf until grass is well established. Reseeding of lawns should be delayed following treatment. With spring application, reseed in the fall; with fall application, reseed in the spring. Legumes are usually damaged or killed. Deep rooted perennial weeds such as bindweed and Canada thistle may require repeated applications.

SPOT TREATMENT:

Hand-Held and High Volume Equipment – Prepare a ¾% solution in water and apply to foliage as a coarse spray. For hard-to-kill woody plants use a 1½% solution. Prepare the spray solution by mixing in water as per the table below.

Applications should be made on a spray-to-wet basis with uniform coverage. When using in knapsack sprayers, insure mixture is complete by shaking or inverting sprayer several times.

Ornamental Turfgrass Established in Lawns, Golf Courses, Cemeteries, and Parks – Use a ½-1% spray concentration or mix ¾-1½ fl. oz. of product with 1.0 gallon of water.

Prepare the spray solution by mixing in water as per the following table:

Desired Volume	SPRAY CONCENTRATION MIX CHART			
	½%	¾%	1%	1½%
1 gallon	¾ fluid ounce (4 teaspoons)	1 fluid ounce (2 Tablespoons)	1½ fluid ounces (8 teaspoons)	2 fluid ounces (4 Tablespoons)
25 gallons	1 pint	1½ pints	2 pints	3 pints
100 gallons	½ gallon	¾ gallon	1 gallon	1½ gallons

2 Tablespoons = 1 fluid ounce (fl. oz.)
1 Teaspoon = ½ Tablespoon = 0.17 fluid ounce

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.

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Manufactured By



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GORDON'S PASTURE PRO® HERBICIDE

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS:

DANGER: Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed, absorbed through skin or inhaled. Avoid breathing vapor or spray mist.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

Engineering Control Statements:

Containers over 1 gallon and less than 5 gallons in capacity: Mixers and loaders who do not use a mechanical system (probe and pump) to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to the other required PPE.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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. <p><i>(Continued on next column)</i></p>

If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • 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.</p> <p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

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

STORAGE & DISPOSAL

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

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

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law 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 container: 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.

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