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**SUBLABEL VI. Sublabel named Gordon's Pasture Pro™ Herbicide.****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 uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Reentry statement 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. FOR METAL DRUMS - 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.

**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™ Herbicide consists of the dimethylamine and diethanolamine salts of 2,4-D especially formulated for low volume applications with aerial and 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:** Pasture Pro™ Herbicide to control many broadleaf weeds including:

- PERENNIAL WEEDS -		
Artichoke	Dogfennel	Rush, slender
Aster	Goldenrod	Sowthistle
Austrian fieldcress	Ground ivy	St. Johnswort
Bindweed	Healall	Stinging nettle
Blackeyed susan	Hemlock	Strawberry (wild)
Blue lettuce	Ironweed	Tall buttercup
Canada thistle	Knapweed	Tanweed
Catnip	(spotted Russian, diffuse)	Toadflax
Chicory	Leafy spurge	Vervain
Clover (many types)	Locoweed	Whitetop (hoary cress)
Coffeeweed	Mugwort	Wild garlic
Dandelion	Nettles	Wild onion
Dock	Orange hawkweed	Wild sweet potato
Dogbane	Povertyweed	Yellow rocket
- ANNUAL AND BIENNIAL WEEDS -		
Beggarticks	Henbit	Primrose
Bitterweed	Jewelweed	Puncturevine
Black medic	Jimsonweed	Radish (wild)
Broomweed	Jim Hill mustard	Ragweed
Bull thistle	(Tumble mustard)	Russian thistle
Burdock	Knotweed	Scotch thistle
Carpetweed	Lambsquarters	Shepherdspurse
Catchweed bedstraw	Lettuce (wild)	Sneezeweed
Chickweed	Mallow	Sowthistle (common)
Cinquefoil	Marestail (horseweed)	Spanishneedles
Cockle	Marijuana	Sunflower
Cocklebur	Marshelder	Tansy mustard
Croton	Mediterranean sage	Tansy ragwort
Devilsclaw	Miners lettuce	Tumbleweed
Falseflax	Morningglory (annual)	Tumble pigweed
Fleabane (daisy)	Musk thistle	Velvetleaf
Flixweed	Mustard	Vetch
Frenchweed	Parsnip	Wild carrot
Galinsoga	Pennycress	Wild parsnip
Goatsbeard	Pepperweed	Wild turnip
Goosefoot	Pigweed (redroot)	Witchweed
Groundsel	Plantain	Wormwood
Gumweed	Prickly lettuce	Yellow starthistle

ALSO CERTAIN 2,4-D SUSCEPTIBLE WOODY PLANTS SUCH AS:		
Big sagebrush	Hazel	Poison oak
Buckbrush	Locust	Rabbitbrush
Cedar	Macartney rose	Sagebrush
Chamise	Manzanita	Shinnery oak
Cherokee rose	Multiflora rose	Sumac
Coastal sage	Pine	Tropical soda apple
Elderberry	Poison ivy	Willow

To convert local recommendations into Pasture Pro™ Herbicide use the following table:							
2,4-D acid equivalent (a.e.)	1 lb.	¾ lb.	½ lb.	⅜ lb.	¼ lb.	⅙ lb.	⅓ lb.
Pasture Pro™ Herbicide	2 pt.	1½ pt.	1 pt.	¾ pt.	½ pt.	⅜ pt.	¼ pt.

**PASTURE AND RANGELAND**

**BROADCAST APPLICATIONS WITH GROUND EQUIPMENT:**

**Dosage Rates** - Refer to Table 2 for the broadcast rates of Pasture Pro™ Herbicide applied with ground and aerial equipment.

**TABLE 2. BROADCAST RATES PER ACRE FOR PASTURE AND RANGELAND.**

Weed Types	Amount of Pasture Pro™ Herbicide, Quarts/Acre	Rounds 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™ Herbicide 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™ Herbicide, 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™ Herbicide.

Products	Amount of Product
Pasture Pro™ Herbicide + Banvel®	1 to 2 quarts/A + 1 to 2 pints/A
Pasture Pro™ Herbicide + 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™ Herbicide.

For Pasture Pro™ Herbicide alone, mix 2.0 gallons of product per 100 gallons of water, or mix 2 quarts of product 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™ Herbicide 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.

**MESQUITE MANAGEMENT IN PERMANENT GRASS PASTURE AND RANGELAND:**

Pasture Pro™ Herbicide and three tank mixtures have proven effective on mesquite in pasture and rangeland in Texas, Oklahoma, Arizona, and New Mexico. Pasture Pro™ Herbicide 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™ Herbicide, 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 include 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 1 for the broadcast rates of Pasture Pro™ Herbicide and tank mixtures applied with ground equipment.

**SPRAY VOLUMES:**

For ground application of Pasture Pro™ Herbicide alone, use a total spray volume of 1.0 to 10.0 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 2 for specific instructions.

**SPRAY PREPARATION:**

Pasture Pro™ Herbicide 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 1 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 1.0 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 1 for specific instructions.

**HARVEST AND GRAZING INTERVALS:** Refer to Chart 1.

**CHART 1. TANK MIXTURE RECOMMENDATIONS FOR FOLIAR BROADCAST TREATMENTS USING GROUND EQUIPMENT**

Product Name	Restricted Use	Approved States	Amount of Product		Spray Volume gpa	Spray Preparations					Grazing and Harvest Intervals
			Quarts per Acre	Pounds a.e./acre		Water Solutions		Oil: Water Emulsions		Drift Control Additives	
						Agricultural Surfactants % vol./vol. <sup>5)</sup>	Drift Control Additives	Ratio of Oil to Water	Emulsifiers		
Pasture Pro™ Herbicide	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%v/v	Nalco-Trol or Equivalent	5-10% with maximum of 1 gal. of oil per acre	Sponto 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%v/v	Nalco-Trol or Equivalent	5-10% with maximum of 1 gal. of oil per acre	Rangeland Spra-Mate, Sponto 712, 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%v/v	Nalco-Trol or Equivalent	15-20% with max. of 1 gal. of oil per acre	Sponto 712 or Triton X-100	Nalco-Trol or Equivalent	See footnotes 1,4

- 1) 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.
- 2) 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.
- 3) 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.
- 4) 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).
- 5) Use nonionic agricultural surfactants such as X-77 Spreader® or equivalent products.

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**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™ Herbicide may be applied alone or in combination with Reclaim® in a dilution with water or in an oil-water emulsion.

For Pasture Pro™ Herbicide alone, mix 2.0 gallons of Pasture Pro™ Herbicide per 100 gallons of water, or mix 2.0 quarts of product per 25 gallons of water (2.0% spray concentration). For Pasture Pro™ Herbicide plus Reclaim® tank mixture, mix 1 gallon of Pasture Pro™ Herbicide plus 0.5 to 0.75 gallon of Reclaim® Herbicide per 100 gallons of water (1.0% and 0.5 to 0.75% spray concentration of Pasture Pro™ Herbicide and Reclaim®, respectively). See Chart 3 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 1 1/3 pints per acre per year of Reclaim® Herbicide.

**CHART 3. 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™ Herbicide, Gallons	Reclaim®, Gallons	Water, Gallons	Oil <sup>1)</sup> , Gallons	X-77 Spreader <sup>2)</sup> , Gallons	Emulsifier <sup>3)</sup> , Gallons
2.0% water dilution	2.0	-----	98.0	-----	-----	-----
1.0% + (0.5 - 0.75%) water dilution	1.0	0.5 - 0.75	98.0 - 98.25	-----	0.25	-----
1.0% + (0.5 - 0.75%) oil-water emulsion	1.0	0.5 - 0.75	93.1 - 93.40	5.0	-----	0.12

<sup>1</sup>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.

<sup>2</sup>Nonionic agricultural surfactants may be substituted for X-77 Spreader®.

<sup>3</sup>Triton® X-100, Sponto® 712, or other emulsifiers are added at the rate of 3 fl. ozs. per gallon of oil.

Observe these grazing and harvest intervals for Pasture Pro™ Herbicide treatments.

- ◆ 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.

Observe these additional precautions for Pasture Pro™ Herbicide 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.

**GRASS SEED CROPS:**

Use 1 to 4 pints of product per acre in spring or fall to control broadleaf weeds in grass being grown for seed. Do not apply from early boot to the milk stage. Spray seedling grass only after the 5-leaf stage, using ¾ to 1 pint of product per acre to control small seedling weeds. After the grass is well established, higher rates of up to 4 pints of product per acre can be used to control hard-to-kill annual or perennial weeds. For best results, apply when soil moisture is adequate for good growth. *NOTE:* Do not use on bentgrass unless grass injury can be tolerated.

Observe these grazing and harvest intervals for Pasture Pro™ Herbicide treatments.

- ◆ 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.

**CONSERVATION RESERVE PROGRAMS (CRP):**

Pasture Pro™ Herbicide may be applied postemergence to newly seeded and established grasses grown in Conservation Reserve Program (CRP) acres.

Treatments of Pasture Pro™ Herbicide 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 SEEDED AREAS (Applications after the 5 to 6-leaf stage of grass seedlings.):**

Pasture Pro™ Herbicide may be applied to newly seeded perennial grasses or to the newly seeded grasses grown with a companion/cover crop such as small grains. Postemergent 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™ Herbicide 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**

Weed Types	Broadcast Rates Per Acre		When to Apply
	Amount of Pasture Pro™ Herbicide ' pts/acre	Pounds 2,4-D a.e./acre	
Annual Broadleaf	¾ - 1 pint	0.38 to 0.5 pounds	Spring or fall during active growth.
Biennial	2 - 4 pints	1.0 - 2.0 pounds	Spring or fall during seedling to rosette stage.
Perennial	2 - 4 pints	1.0 - 2.0 pounds	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.



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## **CONTROL OF WOODY PLANTS, BRUSH AND BROADLEAF WEEDS ON ROADSIDES, DRAINAGE DITCHBANKS, FIREBREAKS, FENCEROWS, AND NONCROP AREAS:**

### **HIGH VOLUME:**

Mix 1 to 2 gallons of product per 100 gallons of water, or mix 1 to 2 quarts of product per 25 gallons of water (1 to 2% solution). 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. For small applications with small tank sprayers mix 1.25 to 2.5 fluid ounces of product per gallon of water.

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.

Do not apply as a stand release or cover spray to established conifers as injury may result.

### **CONTROL OF SOUTHERN WILD ROSE:**

On fencerows, use 1 gallon of product per 100 gallons of water, or use 1 quart of product per 25 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™ Herbicide 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™ Herbicide in combination with 1 quart of Tordon®, or 2 quarts of Pasture Pro™ Herbicide plus 2 quarts of Banvel®, or 2 quarts of Pasture Pro™ Herbicide 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 40 gallons per acre with conventional equipment. Use nozzle systems capable of delivering correct gallonage. Add a nonionic agricultural surfactant at 0.25% by vol./vol. (e.g. 1 quart of surfactant per 100 gallons of solution).

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

### **BROADLEAF WEED CONTROL IN NONCROPLAND GRASS AREAS:**

**Roadsides, Vacant Lots and Drainage Ditchbanks** - Use 1.0 to 3.0 quarts of product per acre. Treat when weeds are young and growing well. Usually 2 quarts of product per acre will provide adequate weed control.

**For Ornamental Turfgrass Established in Lawns, Golf Courses, Cemeteries, and Parks** - Use 1.0 to 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.

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**SPOT TREATMENT/NONCROP:**

**Hand-held And High Volume Equipment** - Prepare a 3/4% solution in water and apply to foliage as a coarse spray. For hard-to-kill woody plants use a 1 1/2% 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.

**Vacant Lots, Fence Rows And Drainage Ditchbanks** - Use a 3/4% spray concentration or mix 1.0 fl. oz. of product with 1.0 gallon of water.

**Ornamental Turfgrass Established In Lawns, Golf Courses, Cemeteries, And Parks** - Use a 1/2 - 1% spray concentration or mix 2/3 - 1 1/3 fl. oz. of product with 1.0 gallon of water.

**Woody Plants** - Use a 1 1/2% spray concentration or mix 2.0 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			
	1/2%	3/4%	1%	1 1/2%
1 gallon	2/3 fluid ounce (4 teaspoons)	1 fluid ounce (2 Tablespoons)	1 1/3 fluid ounces (8 teaspoons)	2 fluid ounces (4 Tablespoons)
25 gallon	1 pint	1 1/2 pint	2 pints	3 pints
100 gallon	1/2 gallon	3/4 gallon	1 gallon	1 1/2 gallon
2 Tablespoons (Tbs.) = 1 fluid ounce (fl. oz.) 1 teaspoon (tsp.) = 1/3 Tablespoon (Tbs.) = 0.17 fluid ounce (fl.oz.)				

**APPENDIX FOR SUBLABEL VI**

**Advertising claims that may be presented on container labels:**

- ◆ Premium pasture herbicide for tough weed and brush control. Knocks out thistles, wild roses, buckbrush and more!
- ◆ 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, McCartney rose, southern wild rose, and thistles.
- ◆ Registered for use on pastures
- ◆ Controls thistles, wild roses, and many other broadleaf weeds and brush in pastures.

----- **END OF SUBLABEL VI.** -----

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**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.

Hi-Dep® is a registered trademark of PBI/Gordon Corporation. US Patent No. 4,971,630.  
Garlon®, Tordon®, Reclaim®, Remedy® and Grazon® are registered trademarks of DowAgroSciences.  
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Arsenal®, Banvel® Herbicide and Marksman® Herbicide are registered trademarks of BASF Corporation.  
X-77 Spreader® is a registered trademark of Loveland Industries, Inc.  
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Accord® and Rodeo® are registered trademarks of Monsanto Company.

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## 24(C) SPECIAL LOCAL NEED LABELING HI-DEP® BROADLEAF HERBICIDE

For Control of Annual, Biennial, and Perennial Broadleaf Weeds  
For Preplant Applications To Rice

### FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF ARKANSAS

#### GENERAL INFORMATION:

Hi-Dep® Broadleaf Herbicide consists of the dimethylamine and diethanolamine salts of 2,4-D especially formulated for low volume applications with aerial and ground equipment. Hi-Dep® Broadleaf Herbicide may be applied prior to planting rice to provide control of susceptible annual, biennial, and perennial broadleaf weeds. Susceptible weed species include annual morningglory, evening primrose, common lambsquarters, docks, prickly lettuce, horseweed, Pennsylvania smartweed, and velvetleaf. Hi-Dep® Broadleaf Herbicide will not control unemerged broadleaf weeds and may not control the regrowth of certain perennial weeds.

#### DIRECTIONS FOR USE

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

#### SPRAY VOLUMES AND ADJUVANTS:

**Aerial Application:** Spray volumes of ½ to 3 gallons per acre are recommended to provide adequate coverage.

**Ground Application:** Spray volumes of 1 to 10 gallons per acre are recommended with ground equipment.

Adjuvants may increase the effectiveness of this product. Use nonionic agricultural surfactants such as X-77 Spreader® or equivalent products.

#### APPLICATION SCHEDULE AND USE RATES:

Generally, a single application of 2.0 pints of Hi-Dep® Broadleaf Herbicide per acre applied 14 to 30 days prior to planting rice will provide satisfactory control.

#### APPLICATION SCHEDULE AND USE RATES

Application Schedule	Maximum Amount of Hi-Dep® per Acre	Maximum Rate (Pounds 2,4-D a.e./acre)	When to Apply (Days Prior to Planting Rice)
Single	2.0 pints	1.0	14 to 30 days

#### IMPORTANT NOTICE:

This bulletin contains new or supplemental instructions for use of Hi-Dep® Broadleaf Herbicide which may not appear on container labels.

Follow all applicable directions, restrictions, and precautions on the EPA-registered label.

This labeling must be in the possession of the user at the time of pesticide application.

808/ AP050597  
EPA REG. NO. 2217-703  
EPA EST. NO. 2217-KS-1  
EPA SLN NO. AR-97-0005

24(c) REGISTRANT



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# 24(c) SPECIAL LOCAL NEED LABELING

## HI-DEP® BROADLEAF HERBICIDE

For Control of Annual and Perennial Broadleaf Weeds For  
Preplant Applications To Rice

**FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF LOUISIANA**

### GENERAL INFORMATION:

Hi-Dep® Broadleaf Herbicide consists of the dimethylamine and diethanolamine salts of 2,4-D especially formulated for low volume applications with aerial and ground equipment. Hi-Dep® Broadleaf Herbicide may be applied prior to planting rice to provide control of susceptible annual and perennial broadleaf weeds including smartweed, alligatorweed, and primrose. Hi-Dep® Broadleaf Herbicide will not control unemerged broadleaf weeds and may not control the regrowth of certain perennial weeds.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This labeling must be in possession of the user at the time of pesticide application. Refer to the EPA registered label for Hi-Dep® Broadleaf Herbicide for additional label directions, precautions and application restrictions.

### SPRAY VOLUMES AND ADJUVANTS:

**Aerial Application:** Spray volumes of 5 or more gallons per acre are recommended to provide adequate coverage.

**Ground Application:** Spray volumes of 1 to 10 gallons per acre are recommended with ground equipment.

Adjuvants may increase the effectiveness of this product. Use nonionic agricultural surfactants such as Ortho® X-77 or equivalent products.

### APPLICATION SCHEDULE AND USE RATES:

Generally, a single application of 2.0 pints of Hi-Dep® Broadleaf Herbicide per acre applied 30 days prior to planting rice will provide satisfactory control. Consult the EPA registered label for Hi-Dep or your local University or Agricultural Extension Service Specialists for more specific information on weeds controlled, application rates and application timing.

As an alternative to single application programs, Hi-Dep® Broadleaf Herbicide may be applied as a sequential treatment. This program is suggested for dense infestations of perennial weeds, for adverse/extreme seasonal conditions, or for weeds beyond the appropriate growth stage. For sequential application programs, apply 1.5 to 2.0 pints of product per acre for the first application at 30 days before planting. The second application of 1.0 pint of product per acre should not be less than 15 days before planting rice.

APPLICATION SCHEDULE AND USE RATES			
Application Schedule	Maximum Amount of Hi-Dep® per Acre	Maximum Rate (Pounds 2,4-D a.e./acre)	When to Apply (Days Prior to Planting Rice)
Single	2.0 pints	1.0	30 days
Sequential Program:			
First Application	1.5 to 2.0 pints	0.75 to 1.0	30 days
Second Application	1.0 pints	0.5	Not less than 15 days

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**RESTRICTIONS:**

Applications of Hi-Dep<sup>®</sup> Broadleaf Herbicide shall not be made to rice if commercial plantings of cotton, tomato, grapes or highly susceptible crops not owned by the applicator or person for whom the application is made are within ¼ mile of the application site.

Air movement, air stability, and wind directions are to be determined before application by using a smoke generator or other means at or near the site of application. Avoid applications during calm conditions (less than 2 miles per hour). Do not spray when wind velocity exceeds 5 mph.

To aid in reducing spray drift when applying Hi-Dep<sup>®</sup> Broadleaf Herbicide use a minimum spray volume of 20 gallons of mixed spray per broadcast acre. Use a spray pressure of not more than 25 PSI measured at the spray boom nozzle. The height of the spray boom must be no more than 20 inches above the canopy of the target vegetation or crop, whichever is taller.

Do not apply Hi-Dep<sup>®</sup> Broadleaf Herbicide to rice using mist blowers, mini-spin, Controlled Droplet Applicator (CDA), or other mist producing equipment. Use of a drift control agent such as Nalco-Trol or equivalent is recommended.

**IMPORTANT NOTICE:** This bulletin contains new or supplemental instructions for use of Hi-Dep<sup>®</sup> Broadleaf Herbicide which may not appear on container labels.

Follow all applicable directions, restrictions, and precautions on the EPA-registered label.

This labeling must be in the possession of the user at the time of pesticide application.

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EPA REG. NO. 2217-703  
EPA EST. NO. 2217-KS-1  
EPA SLN NO. LA-99-0010  
Expiration Date: 9/1/2004

24(c) Registrant:  
  
An Employee-Owned Company  
1217 West 12th Street  
Kansas City, Missouri 64101

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# 24(C) SPECIAL LOCAL NEED LABELING HI-DEP<sup>®</sup> BROADLEAF HERBICIDE

**For Control of Annual and Perennial Broadleaf Weeds For Rice Stubble Applications**

**FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF LOUISIANA**

**GENERAL INFORMATION:**

Hi-Dep<sup>®</sup> Broadleaf Herbicide consists of the dimethylamine and diethanolamine salts of 2,4-D especially formulated for low volume applications with aerial and ground equipment. Hi-Dep<sup>®</sup> Broadleaf Herbicide may be applied within two weeks following harvest of the first crop to provide control of susceptible annual and perennial broadleaf weeds.

Hi-Dep<sup>®</sup> Broadleaf Herbicide will control redstem, dayflower, ducksalad, northern jointvetch (curly indigo), and hemp sesbania (coffeebean, coffeeweed, tall indigo). Hi-Dep<sup>®</sup> Broadleaf Herbicide will suppress alligatorweed and may not control the regrowth of certain perennial weeds.

**DIRECTIONS FOR USE:**

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

**APPLICATION SCHEDULE AND USE RATES:**

An application of 1 to 2 pints of Hi-Dep<sup>®</sup> Broadleaf Herbicide per acre within two weeks following the harvest of the first crop will provide satisfactory control.

**SPRAY VOLUMES AND ADJUVANTS:**

**Aerial Application:** Spray volumes of 5 or more gallons per acre are recommended to provide adequate coverage.

**Ground Application:** Spray volumes of 1 to 10 gallons per acre are recommended with ground equipment.

Adjuvants may increase the effectiveness of this product. Use nonionic agricultural surfactants such as X-77 Spreader<sup>®</sup> or equivalent products.

To ensure adequate spray coverage, apply when weeds have fully emerged through crop residue left from first harvest.

DO NOT apply Hi-Dep<sup>®</sup> Broadleaf Herbicide after rice has reached the panicle differentiation stage of growth, or crop injury may result. Weeds that are fully grown at time of first harvest or under drought stress may not be controlled by this application.

**IMPORTANT NOTICE:** This bulletin contains new or supplemental instructions for use of Hi-Dep<sup>®</sup> Broadleaf Herbicide which may not appear on container labels. Follow all applicable directions, restrictions, and precautions on the EPA-registered label.

This labeling must be in the possession of the user at the time of pesticide application.

808/3-2001  
EPA REG. NO. 2217-703  
EPA EST. NO. 2217-KS-1  
EPA SLN NO. LA-01-0009  
EXPIRATION DATE: 04/18/2006

MANUFACTURED BY:



16/18

# 24(C) SPECIAL LOCAL NEED LABELING HI-DEP® BROADLEAF HERBICIDE

For Control of Annual, Biennial, and Perennial Broadleaf Weeds  
For Preplant Applications To Rice

## FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF MISSOURI

### GENERAL INFORMATION:

Hi-Dep® Broadleaf Herbicide consists of the dimethylamine and diethanolamine salts of 2,4-D especially formulated for low volume applications with aerial and ground equipment. Hi-Dep® Broadleaf Herbicide may be applied prior to planting rice to provide control of susceptible annual, biennial, and perennial broadleaf weeds. Susceptible weed species include annual morningglory, evening primrose, common lambsquarters, docks, prickly lettuce, horseweed, Pennsylvania smartweed, and velvetleaf. Hi-Dep® Broadleaf Herbicide will not control unemerged broadleaf weeds and may not control the regrowth of certain perennial weeds.

### DIRECTIONS FOR USE

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

### SPRAY VOLUMES AND ADJUVANTS:

**Aerial Application:** Spray volumes of ½ to 3 gallons per acre are recommended to provide adequate coverage.

**Ground Application:** Spray volumes of 1 to 10 gallons per acre are recommended with ground equipment.

Adjuvants may increase the effectiveness of this product. Use nonionic agricultural surfactants such as X-77 Spreader® or equivalent products.

### APPLICATION SCHEDULE AND USE RATES:

Generally, a single application of 2.0 pints of Hi-Dep® Broadleaf Herbicide per acre applied 14 to 30 days prior to planting rice will provide satisfactory control.

### APPLICATION SCHEDULE AND USE RATES

Application Schedule	Maximum Amount of Hi-Dep® per Acre	Maximum Rate (Pounds 2,4-D a.e./acre)	When to Apply (Days Prior to Planting Rice)
Single	2.0 pints	1.0	14 to 30 days

### IMPORTANT NOTICE:

This bulletin contains new or supplemental instructions for use of Hi-Dep® Broadleaf Herbicide which may not appear on container labels.

Follow all applicable directions, restrictions, and precautions on the EPA-registered label.

This labeling must be in the possession of the user at the time of pesticide application.

808/ AP031496  
EPA REG. NO. 2217-703  
EPA EST. NO. 2217-KS-1  
EPA SLN NO. MO-96-0001

### MANUFACTURED BY:





17/18

# HI-DEP® BROADLEAF HERBICIDE

## SUPPLEMENTAL LABELING

### FOR USE AND DISTRIBUTION ONLY WITHIN MISSISSIPPI

### FOR GROUND APPLICATION ON RICE ONLY

**IMPORTANT:** Before using this product, read and carefully, observe all applicable directions, restrictions, and precautionary statements on the EPA-registered container label and booklet attached to the container. This supplemental labeling should accompany the product at the time of sales to any end user but need not be attached to the container.

For more copies of the labeling, contact your PBI/Gordon Corporation representative or telephone 816-421-4070.

#### DIRECTIONS FOR USE

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

This labeling must be in the possession of the user at the time of pesticide application. Refer to the EPA registered label for Hi-Dep® Broadleaf Herbicide for additional label directions, precautions and application restrictions.

Apply Hi-Dep® Broadleaf Herbicide at a rate of 1 - 2½ pints/acre when rice is in the late tillering stage of development, at the time of the first joint development. Do not apply after panicle initiation, after rice internodes exceed one-half inch, at early seedling, early panicle, boot, or heading stages. Consult the EPA registered label for Hi-Dep® Broadleaf Herbicide or your local University or Agricultural Extension Service Specialists for more specific information on weeds controlled, application rates and application timing.

#### RESTRICTIONS:

Applications of Hi-Dep® Broadleaf Herbicide shall not be made to rice if commercial plantings of cotton, tomatoes, grapes or other highly susceptible crops not owned by the applicator or person for whom the application is made are within ¼ mile of the application site.

Air movement, air stability, and wind directions are to be determined before application by using a smoke generator or other means at or near the site of application. Avoid applications during calm conditions (less than 2 miles per hour). Do not spray when wind velocity exceeds 5 mph.

To aid in reducing spray drift when applying Hi-Dep® Broadleaf Herbicide use a minimum spray volume of 20 gallons of mixed spray per broadcast acre. Use a spray pressure of not more than 25 PSI measured at the spray boom nozzle. The height of the spray boom must be no more than 20 inches above the canopy of the target vegetation or crop, whichever is taller.

Do not apply Hi-Dep® Broadleaf Herbicide to rice using mist blowers, mini-spin, Controlled Droplet Applicator (CDA), or other mist producing equipment. Use of a drift control agent such as Nalco-Trol or equivalent is recommended.

808/12-2001

EPA REG. NO. 2217-703

EPA EST. NO. 2217-KS-1

EPA SLN NO. MS-02001

Expiration Date: \_\_\_\_\_

MANUFACTURED BY:



18/118

**A C C E P T E D**  
NOV 14 2002  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 2217-703