

2217-668

1/25/2010

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. James L. Kunstman, Ph.D  
PBI/Gordon Corporation  
Post Office Box 014090  
Kansas City, Missouri 64101

JAN 25 2010

Subject: Label Notification(s) for Pesticide Registration Notices 2007-4

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated November 24, 2009 for:

**EPA Registration 2217-668      Gordon's Amine 600 2,4-D Weed Killer**


The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Banza Djapao of my staff at 703-305-7269.

Sincerely,

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number <p style="text-align: center;"><b>2217-668</b></p>	2. EPA Product Manager <p style="text-align: center;">Joanne I. Miller</p>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <p style="text-align: center;"><b>Gordon's Amine 600 2,4-D Weed Killer</b></p>	PM# <p style="text-align: center;">Product Manager—Team 23</p>	
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation Post Office Box 014090 Kansas City, Missouri 64101 <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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NOTIFICATION  
JAN 25 2010

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

**Labeling notification per Pesticide Registration Notice (PRN) 2007-4**

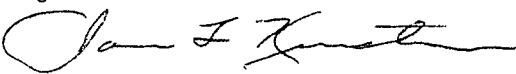
Please refer to cover letter for details and certification statement.

e-mail to [jkunstman@pbigordon.com](mailto:jkunstman@pbigordon.com) FAX: 816-421-2731

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* <b>Certification must be submitted</b>		If "Yes" Unit Packaging wgt.    No. per container	If "Yes" Package wgt.    No. per Container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 5 to 55 and 55 to 295 gallons		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product					
				<input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name James L. Kunstman, Ph.D.	Title Director of Regulatory Services	Telephone No. (Include Area Code) 816-460-6292
Certification <i>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</i>		6. Date Application Received (Stamped)
2. Signature 	3. Title Director of Regulatory Services	
4. Typed Name James L. Kunstman, Ph.D.	5. Date November 24, 2009	

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1217 WEST 12TH STREET • P.O. BOX 014090  
KANSAS CITY, MISSOURI 64101-0090  
816-421-4070 • 1-800-821-7925  
FAX: 816-474-0462

November 24, 2009

Document Processing Desk (PRN)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Attn: Ms. Joanne I. Miller (PM-23)

Dear Ms. Miller:

**Subject: Labeling notification according to Pesticide Registration Notices (PRN) 2007-4.  
Gordon's Amine 600 2,4-D Weed Killer (EPA Reg. No. 2217-668)**

***I. Labeling notification per Pesticide Registration Notice (PRN) 2007-4:***

**November 14, 2008:** An Agency letter stated that this product was re-registered under FIFRA. Your letter with comments stated that the draft labeling was acceptable provided that the following modifications were made:

1. The label must include the following language "Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et. al. v. EP, CO1-0132C, (W.D. WA)".

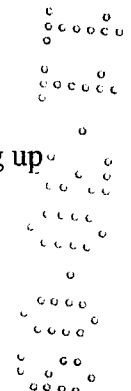
2. The PPE section must be revised to read:

"Some materials that are chemical-resistant to this product. ... on an EPA chemical-resistance category selection chart.

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

- Coveralls over short-sleeved shirt and short pants,
- Protective eyewear,
- Chemical-resistant footwear plus socks,
- Chemical-resistant gloves (except for pilots),
- Chemical-resistant headgear for overhead exposure and
- Chemical-resistant apron when mixing, or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

See engineering controls for additional requirements.



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**November 24 2009:** We have incorporated or merged the revisions for the draft labeling listed in the previous letter into the current document. We ask to revise the disposal instructions and to adopt the exact language of Pesticide Registration Notice (PRN) 2007-4, Labeling Revisions Required by the Final Rule "Pesticide Management and Disposal: Standards for Pesticide Containers and Containment."

Please refer to page 9 of the draft labeling.

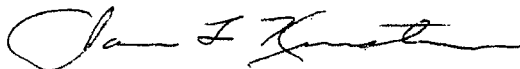
**Certification:** This notification is consistent with the guidance PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this amended labeling is not consistent with the terms of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Section 12 and 14 of FIFRA.

**II. Enclosures:**

1. Application for Pesticide Amendment (EPA Form 8570-1)
2. One (1) annotated version of the draft labeling and
3. One (1) version of the draft labeling without notations

If you have any questions, please call me at 816-460-6292 or contact me at [jkunstman@pbigordon.com](mailto:jkunstman@pbigordon.com).

Sincerely,



James L. Kunstman, Ph.D.  
Director of Regulatory Services

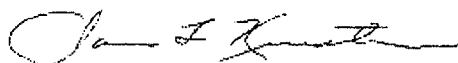
# Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
2217-668	11/24/2009	002217-00668.20091124. notif-proposed-highlighted 002217-00668.20091124. notif-proposed-clean

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



Signature

11/24/2009

Date

James L. Kunstman, Ph.D.

Name (typed)

Director, Regulatory Services

Title

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# GORDON'S AMINE 600 2,4-D WEED KILLER

## EPA Reg. No. 2217-668

### NOTIFICATION

JAN 25 2010

#### ACTIVE INGREDIENT:

Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid ..... 66.57%

INERT INGREDIENTS: ..... 33.43%

TOTAL ..... 100.00%

#### THIS PRODUCT CONTAINS:

5.6 lb 2,4-dichlorophenoxyacetic acid equivalent per gallon or 55.30%  
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 some one to explain it to you in detail.)

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

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**DANGER:** Corrosive. Causes irreversible eye damage. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin or on clothing.

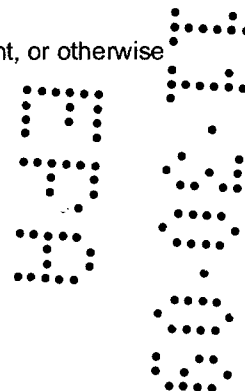
### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are natural rubber, natural rubber blends and laminates. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

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

- Coveralls over short-sleeved shirt and short pants,
- Protective eyewear,
- Chemical-resistant footwear plus socks,
- Chemical-resistant gloves (except for pilots),
- Chemical-resistant headgear for overhead exposure, and
- Chemical-resistant apron when mixing, or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

See engineering controls for additional requirements.



### User Safety Requirements

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 exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### Engineering Control Statements

Engineering controls for aerial application: 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. Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

### User Safety Recommendations

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### First Aid

<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or on clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

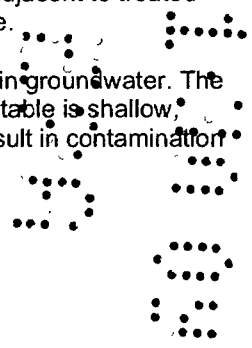
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

### Environmental Hazards

This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.



## **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.

PPE required 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 is:

- coveralls,
- chemical-resistant gloves made of any water-proof material,
- 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. Do not enter or allow people (or pets) to enter the treated area until sprays have dried.

## **USE PRECAUTIONS**

Do not apply this product through any type of irrigation system. Do not apply in tank mixtures with other 2,4-D products. Do not apply when temperatures exceed 90°F and humidity is high.

<b>WEEDS CONTROLLED</b>			
<b>Annual and Biennial Weeds</b>			
Beggarticks	Frenchweed	Morningglory (annual)	Smartweed
Bitterweed	Galinsoga	Musk thistle	Sneezeweed
Broomweed	Goatsbeard	Mustard	Sowthistle (common)
Bull thistle	Goosefoot	Parsnip	Spanishneedle
Burdock	Gumweed	Pennycress	Sunflower
Carpetweed	Jewelweed	Peppergrass	Tumbleweed
Cinquefoil	Jimsonweed	Pigweed	Velvetleaf
Cockle	Kochia	Prickly lettuce	Vervain
Cocklebur	Knotweed	Primrose	Vetch
Coffeeweed	Lambsquarters	Puncturevine	Wild carrot
Croton	Lettuce (wild)	Radish (wild)	Wild parsnip
Devil's claw	Mallow	Ragweed (common)	Witchweed
Fleabane (daisy)	Marshelder	Russian thistle	Wormwood
Flixweed	Marijuana	Shepherdspurse	Yellow starthistle



Perennial Weeds			
Artichoke	Dandelion	Locoweed	Strawberry (wild)
Aster	Dock	Nettle	Tall buttercup
Austrian fieldcress	Dogbane	Orange hawkweed	Tanweed
Bindweed	Goldenrod	Plantain	Toadflax
Blackeyed Susan	Ground ivy	Povertyweed	Vervain
Blue lettuce	Healall	Rushes	Yellow rocket
Canada thistle	Hoary cress	Southern wild rose	Wild garlic
Catnip	Horsetail	Sowthistle	Wild onion
Chicory	Ironweed	Stinging nettle	Wild sweet potato
Clover (many types)			

### Spray Drift Management

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

**Droplet Size.** When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a Coarse or coarser spray, apply only as a Coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles. When applying sprays that contain 2,4-D mixed with other active ingredients that require a Medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

**Wind Speed.** Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field.

**Temperature Inversions.** If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

**Susceptible Plants.** Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

**Other State and Local Requirements.** Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

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

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

**Additional requirements for aerial applications.** The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. This requirement does not apply to forestry or rights-of-way

applications. When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this by adjusting the path of the aircraft upwind.

**SMALL GRAINS (WHEAT, BARLEY, RYE, OATS)**

Application Schedule	Application Rate	Instructions
<b>Winter Grains</b>		
Annual and biennial weeds	0.33 to 1.33 pints/A	Apply after crop is fully tillered (about 4 to 8 inches high) and before jointing. Oats are more sensitive to 2,4-D than other crops and should be sprayed in spring when well established and tillered and before jointing; (use 0.33 to 0.67 pint per acre). Do not spray crop in boot to dough stage.
Perennial broadleaf weeds	0.67 to 1.33 pints/A	Apply when weeds are near bud stage. Do not spray crop in boot to dough stage.
<b>Spring grains</b>		
Annual broadleaf weeds	0.33 to 1.33 pints/A	Apply after crop is fully tillered (about 4 to 8 inches high) and before jointing. Do not spray crop in boot to dough stage.
Perennial broadleaf weeds	0.67 to 1.33 pints/A	Apply when weeds are near bud stage. Do not spray crop in boot to dough stage.
*Notes About The Above: Use the lower rate if small annual and biennial weeds are the major problems. Use the higher rate if weeds present are in the hard-to-control categories as determined by local experience. The higher rates increase the risk of crop injury and should be used only where the weed control problem justifies the crop damage risk.		

Limitations on 2,4-D for use on cereal grains (wheat, barley, oats, and rye)				
Application Schedule	Maximum Rate per Application	Maximum Number of Applications per Year	Minimum Spray Volume	Preharvest Interval (PHI)
Post Emergent	1.33 pints/A (1.0 lb 2,4-D ae/A)	1	2 gal/A	14 Days
Preharvest	0.67.0 pint /A (0.5 lb 2,4-D ae/A)	1	2 gal/A	14 Days
ae = Acid Equivalent. Do not exceed the maximum seasonal rate of 2.0 pints (1.5 lb 2,4-D ae) per acre per season.				

**CORN (FIELD AND SWEET)**

Application Schedule	Maximum Rate per Application	Instructions
Preplant or Preemergent	1.33 pints/A	Apply before corn emerges.
Postemergent annual broadleaf weeds	0.33 to 0.67 pints/A	Apply when most weeds have germinated. Corn is susceptible to injury at time of emergence and shortly after unfolding of leaves. Do not spray during this period. Do not spray corn during the tassel to hard dough stages. Use drop nozzles when corn is 10 inches tall to place spray below its leaves. Do not cultivate soon after spraying while corn is brittle.
Postemergent Perennial broadleaf weeds	0.67 pints/A	Apply when weeds are in bud to bloom stage. Use drop nozzles after corn is 10 inches tall. Do not spray corn during the tassel to hard dough stages. 2,4-D may cause brittleness to corn. Winds or cultivation may cause stalk breakage while brittle. Certain single cross corn hybrids may be more susceptible to 2,4-D injury than others.
Preplant and preemergent applications: To control emerged broadleaf weeds or existing cover crops, apply before the crop emerges. Post emergent applications: Apply when weeds are small and corn is less than 8-inches in height. For corn taller than 10-inches, use drop nozzles.		

Limitations on 2,4-D for use on field corn					
Application Schedule	Maximum Rate per Application	Maximum Number of Applications per Year	Minimum Spray Volume	Pregrazing Interval	Preharvest Interval (PHI)
Preplant or Preemergent	1.33 pints/A (1.0 lb 2,4-D ae/A)	1	2 gal/A	NA	NA
Postemergent	0.67 pint/A (0.5 lb 2,4-D ae/A)	1	2 gal/A	7 Days	7 Days

ae = Acid Equivalent. Do not exceed the maximum seasonal rate of 2 pints (1.5 lb 2,4-D ae) per acre per season. Do not use treated crop as fodder for 7 days following application. Do not harvest for grain for 7 days following application.

Limitations on 2,4-D for use on sweet corn					
Application Schedule	Maximum Rate per Application	Maximum Number of Applications per Year	Minimum Spray Volume	Pregrazing Interval	Preharvest Interval (PHI)
Preplant or Preemergent	1.33 pints/A (1.0 lb 2,4-D ae/A)	1	2 gal/A	7 Days	45 Days
Postemergent	0.67 pint/A (0.5 lb 2,4-D ae/A)	1	2 gal/A	7 Days	45 Days

ae = Acid Equivalent. Do not exceed the maximum seasonal rate of 2 pints (1.5 lb 2,4-D ae) per acre per season. The minimum retreatment interval is 21 days. Do not use treated crop as fodder for 7 days following application. Do not harvest within 45 days following application.

**GRAIN SORGHUM**

Application Schedule	Application Rate	Instructions
Postemergent	0.67 pints/A	Apply when sorghum is 4 to 12 inches tall. Use drop nozzles to keep spray off sorghum plants, when sorghum is over 10" tall.

Limitations on 2,4-D use on grain sorghum				
Application Schedule	Maximum Rate per Application	Maximum Number of Applications per Year	Minimum Spray Volume	Preharvest Interval (PHI)
Postemergent	0.67 pint/A (0.5 lb 2,4-D ae/A)	1	2 gal/A	30 Days

ae = Acid Equivalent. Do not exceed the maximum seasonal rate of 0.67 pint (0.5 lb 2,4-D ae) per acre per season. Do not harvest grain for 30 days following application. Do not permit meat or dairy animals to consume treated crop as fodder or forage for 30 days following applications.

**RICE**

Application schedule	Application Rate	Instructions
Postemergent	1.0 to 1.75 pints/A	To control curly indigo and other broadleaf weeds, apply 7 to 10 weeks after planting when rice is fully tillered. Do not spray rice in boot stage.

Limitations of 2,4-D for use on rice.				
Application schedule	Maximum Rate per Application	Maximum Number of Applications per Year	Minimum Spray Volume	Preharvest Interval (PHI)
Post emergent	1.75 pints/A (1.25 lb 2,4-D ae/A)	1	2 gal/A	60 days

Do not exceed the maximum seasonal rate of 1.75 pints (1.25 pounds of 2,4-D ae) per acre per use season. Do not harvest within 60 days of the application.

## SUGARCANE

Application Schedule	Application Rate	Instructions
Preemergent	2.67 pints/A	Apply before canes appear for control of emerged broadleaf weeds.
Postemergent	2.67 pints/A	Apply after cane emerges and through canopy closure.

Limitations of 2,4-D for applications to sugarcane.				
Application schedule	Maximum Rate per Application	Maximum Number of Applications per Year	Minimum Spray Volume	Preharvest Interval (PHI)
Preemergent	2.67 pints/A (2.0 lb ae/A)	1	2	Harvest at crop maturity
Post emergent	2.67 pints/A (2.0 lb ae/A)	1	2	Harvest at crop maturity

Do not exceed the maximum seasonal rate of 5.34 pints of product or 4.0 pounds of 2,4-D acid equivalent per acre per season. Do not harvest cane prior to crop maturity.

## PASTURE AND RANGELAND

Application rates for Pasture and Rangeland such as established grass pastures, rangeland, and perennial grasslands not in agricultural production such as Conservation Reserve program (CRP).		
Weed Types	Rate per Application	When to Apply
Susceptible annual and biennial broadleaf weeds	1.33 pints/A (1.0 lb 2,4-D ae/A)	Spring or fall during active growth
Moderately susceptible biennial and perennial broadleaf weeds	1.33 to 2.67 pints/A (1.0 to 2.0 lb 2,4-D ae/A)	Spring or fall during seedling to rosette stage
For difficult to control weeds and woody plants	2.67 pints/A (2.0 lb 2,4-D ae/A)	Spring or fall during bud to bloom stage. A second application may be required
Spot treatment	2.67 pints/A (2.0 lb 2,4-D ae/A)	

ae = Acid Equivalent. Do not use on bentgrass, alfalfa, clover or other legumes. Do not use on newly seeded areas until grass is well established.

Limitations on 2,4-D for use on pasture and rangeland (established grass pastures, rangeland, and perennial grasslands, not in agricultural production such as Conservation Reserve program (CRP)).						
Application Schedule	Maximum Rate per Application	Maximum Number of Applications per Year	Minimum Interval Between Applications	Minimum Spray Volume	Pregrazing Interval	Preharvest Interval (PHI)
Postemergent	2.67 pints/A (2.0 lb 2,4-D ae/A)	2	30 Days	2 gal/A	0 Days	7 Days

ae = Acid Equivalent. Do not exceed the maximum seasonal rate of 5.32 pints (4.0 lb 2,4-D ae) per acre per season. Do not apply within 30 days of the previous application. Do not cut forage for hay within 7 days of application. If grass is to be cut for hay, the Agricultural Use Requirements for the Worker Protection Standard (WPS) are applicable. For program lands such as the Conservation Reserve Program, consult program rules to determine whether grass or hay may be used. The more restrictive requirements of the program rules or this labeling must be followed.

## SOYBEANS (Preplant Only)

**GENERAL INFORMATION:** Gordon's Amine 600 2,4-D Weed Killer is a phenoxy type herbicide that provides postemergence control of many susceptible annual and perennial broadleaf weeds. Gordon's Amine 600 2,4-D Weed Killer may be applied prior to planting soybeans to provide foliar burndown control of susceptible annual and perennial broadleaf weeds and certain broadleaf cover crops such as those listed on this label. Gordon's Amine 600 2,4-D Weed Killer should only be applied preplant to soybeans in situations such as reduced tillage production systems, where emerged weeds are present. Apply only according to the application instructions given below.

**MIXING INSTRUCTIONS:** Mix Gordon's Amine 600 2,4-D Weed Killer only with water, unless otherwise directed on this label. Compatible crop oil concentrates, agricultural surfactants and fluid fertilizers approved for use on growing crops may increase the herbicidal effectiveness of 2,4-D on certain weeds and may be added to the spray tank. Read and follow all directions and precautions on this label and on all labels of adjuvants or fertilizers mixed with this product.

**APPLICATION PROCEDURES:** Apply using air or ground equipment in sufficient gallonage to obtain adequate coverage of weeds. Use 2 or more gallons of water per acre in aerial equipment and in ground equipment.

Limitations on 2,4-D applications (single and sequential) to soybeans				
Application Schedule - Preplant	Maximum Rate per Application	Maximum Number of Applications per Year	Minimum Spray Volume	Planting Interval before planting Soybeans
Single Application	0.67 pint/A (0.5 lb 2,4-D ae/A)	1	2 gal/A	15 Days
Single Application	1.33 pints/A (1.0 lb 2,4-D ae/A)	1	2 gal/A	30 Days
Two or Sequential Applications	0.67.0 pint/A (0.5 lb 2,4-D ae/A)	2	2 gal/A	30 Days

ae = Acid Equivalent. Do not exceed the maximum seasonal rate of 1.33 pints (1.0 lb 2,4-D ae) per acre per season.

WEEDS CONTROLLED			
Alfalfa*	Cocklebur, common	Morningglory, annual	Shepherdspurse
Bindweed*	Dandelion	Mousetail	Smartweed, Pennsylvania
Bullnettle	Dock, curly*	Mustard, wild	Sowthistle, annual
Bittercress, smallflowered	Eveningprimrose, cutleaf	Onion, wild*	Speedwell
Buttercup, smallflowered	Garlic, wild*	Pennycress, field	Thistle, Canada*
Carolina geranium	Horseweed or Marestail	Plantain	Thistle, bull
Cinquefoil, common and rough	Ironweed	Purslane, common	Velvetleaf
Clover, red*	Lambsquarters, common	Ragweed, common	Vetch, hairy*
	Lettuce, prickly	Ragweed, giant	Virginia copperleaf

\*These species are only partially controlled.

In general, weeds should be small, actively growing and free of stress caused by extremes in climatic conditions, diseases, or insect damage at the time of treatment. The response of individual weed species to Gordon's Amine 600 2,4-D Weed Killer is variable. Consult your local county or State Agricultural Extension Service or crop consultant for advice.

**APPLICATION RESTRICTIONS AND PRECAUTIONS FOR SOYBEANS (PREPLANT ONLY)**

**Important Notice:** Unacceptable injury to soybeans planted in fields previously treated with Gordon's Amine 600 2,4-D Weed Killer may occur. Whether or not soybean injury occurs and the extent of the injury will depend on weather (temperature and rainfall) from herbicide application until soybean emergence and agronomic factors such as the amount of weed vegetation and previous crop residue present. Injury is more likely under cool rainy conditions and where there is less weed vegetation and crop residue present.

Do not apply Gordon's Amine 600 2,4-D Weed Killer when weather conditions such as air temperature inversions or wind favors drift from treated areas to susceptible plants.

In fields previously treated with 2,4-D plant soybean seed as deep as practical or at least 1.5 to 2.0 inches deep. Adjust the press wheel of the planter, if necessary, to ensure that planted seed is completely covered.

### DIRECTIONS, RESTRICTIONS AND LIMITATIONS FOR USE IN NON-CROPLAND

For control of woody plants or brush and broadleaf weeds on roadsides, drainage ditchbanks, rights-of-way, fencerows, industrial sites, and other similar noncropland areas. Applications to non-cropland areas are not applicable to treatment of commercial timber or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

**Broadcast applications to annual and perennial weeds:** Apply to emerged weeds. For best results, treat when weeds are young and actively growing. The maximum application rate to general noncropland sites is 2.75 pints of product per acre (2.0 lb ae) per application per site. When multiple applications of up to 2.75 pints of product per acre (2.0 lb acid equivalent per acre) are utilized to reach the maximum seasonal use rate, do not make a repeat application within 30 days of the previous application. Minimum spray volume: Use 2 or more gallons of spray solution per acre. Number of applications: Limited to 2 applications per year.

### LAWNS

#### FOR USE ON RESIDENTIAL AND OTHER TURF SITES EXCLUDING SOD FARMS

To control weeds in established lawns and other ornamental turfgrass such as bluegrass, perennial ryegrass, and fescue. Apply in spring, summer or fall when weeds are actively growing. Spray to give a uniform application. Delay mowing before and after treatment. Do not use on newly seeded areas or on grass seedlings. Do not use on new lawns until mowed twice. Creeping grasses such as zoysiagrass, bermudagrass, St. Augustinegrass, dichondra, and clovers may be injured severely by this product; only spot treat weeds on these types of grasses. Do not use on golf greens nor on dichondra or other broadleaf herbaceous groundcovers. Deep rooted perennials may require repeat applications.

Use Site	Maximum Rate per Application	Maximum Number of Applications per Year
Ornamental turfgrass	2.0 pints/A (1.5 lb 2,4-D ae/A)	2
The maximum seasonal rate is 4 pints of product /A (3.0 lbs 2,4-D acid equivalent per acre), excluding spot treatments.		

### STORAGE & DISPOSAL

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

**PESTICIDE 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 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.~~

**[For Plastic Containers - Nonrefillable with capacities equal to or less than 5 gallons:]**

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available; or puncture and dispose of in a sanitary landfill, or by incineration; or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse [or pressure rinse] container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

[OR]

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.]

**[For Plastic Containers – Nonrefillable with capacities greater than 5 gallons:]**

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse [or pressure rinse] container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

[OR]

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.]

**[For Refillable Containers:]**

**CONTAINER HANDLING:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

**Container cleaning:** Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in *Washington Toxics Coalition, et. al. v. EPA*, C01-0132C, (W.D. WA)

## **LIMITED WARRANTY AND DISCLAIMER**

**IMPORTANT:** Read this LIMITED WARRANTY AND DISCLAIMER before buying or using this product. By opening and using this product, buyer and all users agree to accept the terms of this LIMITED WARRANTY AND DISCLAIMER in their entirety and without exception. If the terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full.

It is impossible to eliminate all risks inherently associated with use of this product. Damage to the treated article, ineffectiveness, or other unintended consequences can result from use of the product under abnormal conditions such as weather, presence of other materials, or the manner or use of application, etc. Such factors and conditions are beyond the control of the manufacturer, and **BY PURCHASING AND USING THIS PRODUCT THE BUYER AND ALL USERS OF THIS PRODUCT AGREE TO ACCEPT ALL SUCH RISKS.** Buyer and all users further agree to assume all risks of loss or damage from the use of the product in any manner that is not explicitly set forth in or that is inconsistent with label instructions, warnings and cautions.

The manufacturer warrants only that this product conforms to the chemical description given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use, subject to the inherent risks described below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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 HEREBY EXPRESSLY DISCLAIMED.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF BUYER AND ALL USERS OF THIS PRODUCT, AND THE EXCLUSIVE LIABILITY OF THE MANUFACTURER, FOR ANY AND ALL LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OF HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OR THE REPAYMENT OF THE PURCHASE PRICE FOR THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THE PRODUCT.** The Manufacturer must be promptly notified in writing of any claims, whether based in contract, tort, negligence, strict liability, or otherwise, to be eligible to receive either remedy stated above.

The terms of this LIMITED WARRANTY AND DISCLAIMER cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere. No employee or agent of the manufacturer or seller is authorized to vary or exceed the terms of this LIMITED WARRANTY AND DISCLAIMER in any manner.

## **APPENDIX**

### **1. Statements which may appear on different label components depending on packaging configuration.**

- See next panel for additional Precautionary Statements and First Aid
- Net Contents: \_\_\_\_\_
- EPA Est. No. \_\_\_\_\_



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## **DOCUMENT CONTROL INFORMATION**

1. **Unique Label Identifier:** 002217-00668.20091124.notif-proposed-highlighted.doc
2. **Reason for Issue:** Incorporate EPA comments, PRN 2007-4