

2217-794

3/23/2010

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

OFFICE OF
PREVENTION, PESTICIDES
AND
TOXIC SUBSTANCES

PBI/Gordon Corporation
1217 West 12th Street
Kansas City, Missouri 64101

MAR 23 2010

Subject: EPA Reg. 2217-794 / Gordon's Granular 33 1/2 2,4-D and Dicamba RED Amendment

The labeling referred to above is in compliance with the Dicamba and 2,4-D REDs and is amended under the REDs provided that you:

- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
- 2) Please note: Final product reregistration can't be considered until after all active ingredients in this product are eligible for reregistration.
- 3) Based on toxicity ranking per the acute toxicity review, the First Aid statements should be placed on the label in the following order:

"IF ON SKIN OR CLOTHING...

IF INHALED...

IF IN EYES..."

- 4) Per the acute toxicity review and PR Notice 2001-1, the following sentence should be revised to read:

"You may also contact [insert phone number 1-800-xxx-xxxx] for emergency medical treatment information."

- 5) Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

"CAUTION

Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse."

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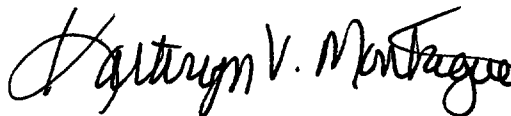
6) The first sentence in the Environmental Hazard statement must be revised to read:

“This pesticide *is* toxic to fish and aquatic invertebrates and may adversely affect non-target plants.”

7) Delete “general” from “general precautions”.

A stamped copy of the label is enclosed for your records. You must submit one copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this letter or the next round of printing must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of the product constitutes acceptance of these conditions. This label supersedes all other previously accepted labels. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

Sincerely,



Kathryn Montague
Product Manager 23
Herbicide Branch
Registration Division (7505P)

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GORDON'S GRANULAR 33½

EPA Reg. No. 2217-794

ACTIVE INGREDIENT:

2,4-dichlorophenoxyacetic acid	0.76%
(+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid	0.17%
Dicamba: 3,6-dichloro-o-anisic acid	0.07%
INERT INGREDIENTS	99.00%
TOTAL	100.00%

THIS PRODUCT CONTAINS:

- 15.2 lbs. 2,4-dichlorophenoxyacetic acid equivalent per ton
 - 3.4 lbs. (+)-(R)-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per ton
 - 1.4 lbs. 3,6-dichloro-o-anisic acid equivalent per ton
- Isomer Specific by AOAC Methods.

ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAR 23 2010
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW 2217-794
 DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Harmful if swallowed.
 Avoid contact with skin, eyes or clothing.

Personal Protective Equipment (PPE)

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

All loaders, applicators, and other handlers must wear:

- long-sleeved shirt and long pants,
- shoes plus socks,
- chemical-resistant gloves

User Safety Requirements

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.



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

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 on 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 a 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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of emergency, call toll free 1-877-800-5556.

Environmental Hazards

This pesticide may be toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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.

GENERAL PRECAUTIONS AND RESTRICTIONS:

- Do not enter or allow people (or pets) to enter the treated area until dusts have settled.
- 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 use on ornamental lawns and turf established in institutional, ornamental, and residential sites.
- Grass seed crops and sod farm uses are excluded.
- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

WHERE TO USE:

Gordon's Granular 33½ is a Trimec® herbicide containing fertilizer, 2,4-D, mecoprop-p, and dicamba. This granular weed and feed provides plant nutrients and controls a broad spectrum of broadleaf weeds in turfgrass. Supplemental nitrogen, phosphorus, and potash should be applied according to soil tests or State Extension Service recommendations.

Gordon's Granular 33½ is intended to be applied by noncommercial users, lawn care operators, and landscape personnel. Cool season grasses established in institutional, ornamental, and residential sites may be treated.

Institutional sites are defined as turf areas around properties or facilities providing a service to public or private organizations; for example areas around hospitals, nursing homes, schools, museums, libraries, sport facilities (including golf courses), and office buildings may be treated. Ornamental sites include turfgrass established around residences, parks, streets, retail outlets, cemeteries, and institutional buildings. Finally, residential sites are defined as areas associated with the household or home life including, but not limited to apartment complexes, condominiums, and patient care areas of nursing homes, mental institutions, hospitals, or convalescent homes.

Gordon's Granular 33½ may be applied to newly seeded cool season turfgrass. Applications are recommended only after the third mowing or after the grass seedlings have tillered and have developed an adequate secondary root system.

A uniform broadcast distribution of product on the treated area is essential. Do not exceed the specified application rate for any area. Do not use this product on or near desirable plants, and avoid spreading granules onto exposed root systems or adventitious shoots (rhizomes) within the drip line of desirable trees and shrubs, since injury may result.

Do not use this product on dichondra, carpetgrass, St. Augustinegrass, closely-mowed bentgrass putting greens, or turf containing desirable clovers.

WEEDS CONTROLLED:

Dandelion, chickweed, plantain, and clover are controlled effectively with Gordon's Granular 33½. A partial list of susceptible weeds is shown below:

Bedstraw	Clover	Knotweed	Purslane
Black medic	Dandelion	Lambsquarters	Ragweed
Buckhorn	Dock	Morningglory	Sheep sorrel
Burdock	Ground ivy	Peppergrass	Shepherdspurse
Chicory	Healall	Pigweed	Speedwell
Chickweed	Henbit	Plantain	Thistle

HOW MUCH TO APPLY:

Apply 140.5 to 158.4 pounds (lbs.) of Gordon's Granular 33½ per acre of established turfgrass. Or the equivalent application rate is 3.23 to 3.64 pounds of product per 1,000 square feet (sq.ft.) of turfgrass.

The maximum broadcast application rate is 3.64 pounds of product per 1,000 sq.ft. per application (1.2 lbs 2,4-D ae, 0.27 lb MCP-P ae and 0.11 lb dicamba ae per acre per application). The maximum number of broadcast applications is limited to 2 per year with a minimum of 30 days between applications. The maximum seasonal rate is 7.28 pounds of product per 1,000 sq.ft. (2.4 lbs 2,4-D ae, 0.54 lb MCP-P ae and 0.22 lb dicamba ae per acre).

A sequential or follow-up application may be required for dense infestations of perennial and biennial weeds. Also, adverse environmental conditions prior or after application may reduce the effectiveness. If required, the treatment interval between the first and second applications should be approximately 30 days.

Drop spreaders, rotary spreaders, and other granular equipment should be calibrated for accurate and uniform applications of this product. Calibrate the equipment by applying the product over a measured or known area and adjust the equipment according to the recommendations of the equipment manufacturer. Refer to the rate table for the appropriate bag sizes and the area to be treated.

[Note to Supplemental Registrants: Select the appropriate bag size and present only the information provided for that bag size on your product labeling.]

Bag Size, Lbs.	Desired Rate Per Acre, Lbs.	Desired Rate Per 1,000 Sq. Ft., Lbs.	Treated Area For This Bag Size	
			Acres	Sq. Ft.
15	140.5	3.23	----	4,600
	150.2	3.45	----	4,300
	158.4	3.64	----	4,100
16	140.5	3.23	----	5,000
	150.2	3.45	----	4,600
	158.4	3.64	----	4,400
17	140.5	3.23	----	5,300
	150.2	3.45	----	4,900
	158.4	3.64	----	4,700
18	140.5	3.23	----	5,600
	150.2	3.45	----	5,200
	158.4	3.64	----	4,900
20	140.5	3.23	----	6,200
	150.2	3.45	----	5,800
	158.4	3.64	----	5,500
30	140.5	3.23	0.21	9,300
	150.2	3.45	0.20	8,700
	158.4	3.64	0.19	8,200
40	140.5	3.23	0.28	12,400
	150.2	3.45	0.27	11,600
	158.4	3.64	0.25	11,000
45	140.5	3.23	0.32	13,900
	150.2	3.45	0.30	13,000
	158.4	3.64	0.28	12,400
50	140.5	3.23	0.36	15,500
	150.2	3.45	0.33	14,500
	158.4	3.64	0.31	13,700

Optional: Equipment settings of drop spreaders, rotary spreaders, and other granular applicators may be presented on the container labels as requested by supplemental registrants.

APPLICATION SUGGESTIONS:

1. Spring and fall applications are recommended for the best control. However, Gordon's Granular 33½ can be applied any time broadleaf weeds are present and actively growing.
2. Mow the turfgrass 2 to 3 days before application.
3. Water the turfgrass thoroughly (>1/2 inch) at least 1 to 2 days before application.
4. Schedule applications in the morning when dew is present. Or sprinkle or irrigate lightly (<1/4 inch) before application to provide maximum control.
5. Rainfall or irrigation within 24 hours after application may reduce the effectiveness. Do not irrigate or water the turfgrass within 24 hours after application.

24-4-8 GUARANTEED ANALYSIS	
Total Nitrogen (N)	24%
Water Insoluble Nitrogen (N)	5%
Available Phosphate (P2O5)	4%
Soluble Potash (K2O)	8%

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Fertilizer Labeling Requirements:

- Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.xxxxx.com>.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container and keep any bags containing unused product in a locked storage area inaccessible to children and domestic animals.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: For Paper and Plastic Bags - Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by State and local authorities by burning. If burned stay out of smoke.

LIMITED WARRANTY AND DISCLAIMER

FOR USE ONLY AS DIRECTED.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY 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, IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. If these terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full. 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.

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 Weight: _____
- EPA Est. No. _____

2. Advertising claims that may be presented on container labeling, advertisements, brochures, and other marketing/sales promotional materials:

- **Approved Fertilizer Grades:** Fertilizer grades with nutrient contents expressed as the percentages of N, P2O5, and K2O including the following:

19-3-6	24-4-8	26-3-3	27-3-6	31-3-8
19-6-8	25-3-3	26-3-6	27-4-6	32-4-8
21-0-18	25-4-8	26-4-4	28-0-4	
22-3-3	25-5-5	26-4-6	30-3-3	

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The fertilizer grade guaranteed analyses may contain macronutrients and micronutrients. The nutrient contents expressed will vary among states, and the analyses will differ between supplemental registrations.

The guaranteed analysis of a 26-4-4 fertilizer grade is presented as follows:

GUARANTEED ANALYSIS	
Total nitrogen (N)	26%
1.9% ammoniacal nitrogen	
24.1% urea nitrogen*	
Available phosphate (P ₂ O ₃)	4%
Soluble potash (K ₂ O)	4%
Sulfur (S) (free)	2%
Derived from: ammoniated phosphate, polymer-encapsulated sulfur-coated urea, urea, and muriate of potash.	
Chlorine not more than	4%
*Contains 4.0% slowly available nitrogen from polymer- encapsulated sulfur-coated urea.	

- Previously approved retail container package sizes include: 15, 16, 17, 18, 20, 30, 40, 45, or 50 pounds.
- _____ pounds covers up to _____ square feet of turf.
- Provides a controlled release nitrogen feeding from Poly-S® Technology.
- Small particle formulation for excellent weed control.
- Practical Solutions for Turf Professionals
- Controls Dandelion, Chickweed, Knotweed, Plantain, Henbit, and other broadleaf weeds.
- SPREADER SETTINGS: Equipment settings may vary and may be presented on the container labeling of supplemental registrations. Illustrations or pictograms of spreader patterns may also be displayed. The supplemental registrant may choose to use the following suggested spreader setting presentation:

SUGGESTED SPREADER SETTINGS				
<i>These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.</i>				
40 lbs. covers 12,400 sq. ft. (0.28 acre) with 0.678 lbs. N/1,000 sq. ft. at the LOW RATE				
40 lbs. covers 11,000 sq. ft. (0.25 acre) with 0.764 lbs. N/1,000 sq. ft. at the HIGH RATE				
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS	
			LOW RATE 3.23 Lbs. per 1,000 Sq.Ft.	HIGH RATE 3.64 Lbs. per 1,000 Sq.Ft.
Andersons AccuPro 1000, AccuPro/SR-2000 (Cone 6)	3 mph	10	K	K 1/4
Scotts Rotaries R-8, R-8A (Cone 6)	3 mph	10	J	J 1/2
Andersons SS-2 Drop	3 mph	overlap wheels	4	4 1/4
Lely W Pattern	4.5 mph	18	3 III-B	3 1/2 III-B
Vicon (03 Series)	4.5 mph	28	23	25

DOCUMENT CONTROL INFORMATION

1. **Unique Label Identifier:** 002217-00794.20081105.proposed.doc
2. **Reason for Issue:** Various changes pertaining to re-registration. Re-format label.