



United States  
 Environmental Protection Agency  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
 238453

**Application for Pesticide - Section I**

1. Company/Product Number 2217-480		2. EPA Product Manager Joanne Miller		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
4. Company/Product (Name) Gordon's Weeder Granules		PM# (PM 23)			
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation PO Box 014090 1217 West 12th Street Kansas City, MO 64101 <input type="checkbox"/> Check if this is a new address			6. Expedited Review. 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"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

**Section - III**

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

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name James A. Armbruster, Ph.D.	Title Director Regulatory Services	Telephone No. (Include Area Code) (816) 421-4970
<b>Certification</b> 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.		6. Date Application Received (Stamped)
2. Signature 	3. Title Director Regulatory Services	
4. Typed Name James A. Armbruster, Ph.D.	5. Date July 24, 1995	

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# GORDON'S WEEDER GRANULES

Controls weeds & grasses around shrubs, flower beds and vegetables.

## ACTIVE INGREDIENT

Trifluralin: alpha,alpha,alpha-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine.....	1.47%
INERT INGREDIENTS.....	<u>98.53%</u>
TOTAL	100.00%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See side panels for additional Precautionary Statements

NET WEIGHT ONE, TWO, THREE, AND FOUR POUNDS

669/ AP072095  
EPA REG. NO. 2217-480  
EPA EST. NO. 2217-KS-X  
Mfd by PBI/GORDON CORPORATION  
KANSAS CITY, MISSOURI 64101

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EPA Reg. No. 2217-480

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

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**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed or absorbed through the skin. Avoid breathing dust. Avoid contact with eyes, skin, or clothing. This product may cause dermal sensitization reaction in certain individuals.

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious do not give anything by mouth and do not induce vomiting.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**Environmental Hazards:** This pesticide is toxic to fish. ~~For terrestrial uses, Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.~~ Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring aquatic sites. Do not contaminate water by disposing of equipment washwaters.

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

**STORAGE:** Store in original container in a locked storage area inaccessible to children and pets.

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse container. Rinse thoroughly before discarding in trash.

**OPTION I.**

**USES:** Gordon's Weeder Granules provides long-lasting control of many annual grasses and broadleaf weeds. It kills the weed seeds as they germinate in the soil. Therefore, to be effective, the product must be applied to the soil and mixed into the top 1 to 3 inches of soil. Since Gordon's Weeder Granules mostly attacks germinating seeds, any existing weeds should be removed.

**Application to Ornamental Trees, Shrubs and Flowers:** In addition to roses and other flowering shrubs, Gordon's Weeder Granules can be applied under the following established flowers:

**ESTABLISHED FLOWERS**

- |                  |               |                      |
|------------------|---------------|----------------------|
| Achillea         | Forget-Me-Not | Portulaca            |
| Ageratum         | Four O'Clock  | Rudbeckia            |
| Arctotis         | Gaillardia    | Salvia               |
| Aster            | Gladiolus     | Scabiosa             |
| Balsam           | Hollyhock     | Shasta Daisy         |
| Calendula        | Ixora         | Snapdragon           |
| California Poppy | Lobelia       | Stocks               |
| Calliopsis       | Lupines       | Snow on the Mountain |
| Carnation        | Marigold      | Sunflower            |
| Centaurea        | Morningglory  | Sweet Alyssum        |
| Chrysanthemum    | Nasturtium    | Sweet Pea            |
| Cosmos           | Nicotiana     | Sweet William        |
| Dahlia           | Periwinkle    | Zinnia               |
| Dianthus         | Petunia       |                      |
| Dimorphotheca    | Phlox         |                      |

**NOTE:** Do not use on groundcovers as injury may occur. Also, gladiolus corms less than 1 inch in diameter may be injured.

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Directions for Mixing into Soil: Apply Gordon's Weeder Granules to established trees, ornamentals, roses and flowers that are 2 to 3 inches or more in height. Apply uniformly at the recommended rate. The rate of application varies with soil type. Mix into the soil surface with hand rake being careful not to disturb the roots of established plants. Shallow cultivation during the growing season will not reduce effectiveness when Gordon's Weeder Granules have been adequately mixed into the soil. When it is not possible to mix Gordon's Weeder Granules into the soil surface, they should be spread on the surface at the rate of 1 pound per 160 square feet and water thoroughly. When applied at this rate, do not mix into the soil. Remove all existing grasses and weeds prior to application since Gordon's Weeder Granules controls weeds from seed only.

APPLICATION CHART FOR ORNAMENTALS		
SOIL TYPE	RATE OF APPLICATION	
Light Sandy	1 lb to 1280 square feet	1 cup to 320 square feet
Medium Loam	1 lb to 960 square feet	1 cup to 240 square feet
Heavy Silt or Clay	1 lb to 640 square feet	1 cup to 160 square feet

APPLICATION CHART FOR VEGETABLES		
VEGETABLE CROP	BEFORE PLANTING	AFTER PLANTING
Vegetables from Seed: Carrots, Cowpeas, Field Peas, Black-eyed Peas, Okra	Apply anytime up to 10 weeks before planting these vegetables from seed. Mix into top 3 inches of soil at these rates, depending on soil type: <u>Light Sand</u> - 1 lb./1,280 square feet (See A) <u>Medium Loam</u> - 1 lb./960 square feet <u>Heavy Silt or Clay</u> - 1 lb./640 square feet (See B)	NOT RECOMMENDED
Transplants: Broccoli, Brussel Sprouts, Cabbage, Cauliflower, Pepper, Tomatoes	Apply and mix into soil before transplanting. Do not apply after transplanting.	
Lima Beans, Snap Beans from seed (See C)	Apply anytime up to 10 weeks before planting these vegetables from seed. Mix into light and medium soils at the rate of 1 lb/1,280 square feet, in heavy soils apply at the rate of 1 lb/960 square feet.	NOT RECOMMENDED
Seedlings: Cucumbers and Cantaloupes	NOT RECOMMENDED	Mix carefully into soil at rates given for vegetables from seed when plants have 3 or 4 true leaves. Leaves should not be wet.
Irish Potatoes	NOT RECOMMENDED	Mix into soil at vegetables rates soon after planting.
A) One standard measuring cup contains ¼ lb. Gordon's Weeder Granules. B) Gordon's Weeder Granules is not recommended on muck soils with very high organic matter content. C) Note reduced rates on lima and snap beans.		

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WEEDS CONTROLLED	
Annual Grasses	Annual Broadleaf Weeds
Barnyardgrass	Carelessweed
Brachiaria	Carpetweed
Bromegrass	Chickweed
Cheat	Goosefoot
Crabgrasses	Knotweed
Foxtails	Lambsquarters
Goosegrass	Pigweed
Johnsongrass (from seed)	Purslane
Sandbur	Puncturevine
Sprangletop	Stinging Nettle
Texas Panicum	

===== END OF OPTION I =====

OPTION II.

- GENERAL INFORMATION -

Gordon's Weeder Granules provides season long control of many annual grasses and broadleaf weeds. It kills the weed seeds as they germinate in the soil. This product must be applied to the soil and mixed into the top 1 to 3 inches of soil. Any existing weeds should be removed.

ORNAMENTALS

Apply this product to the soil surface around established trees, ornamentals and flowers. Apply this product before the germination of weed seeds. This product does not control established weeds.

Hoe, clean cullivate, or remove existing weeds before the application of this product. Spread the granules uniformly from this shaker can on a smooth soil surface. Mix the granules into the top 1-3 inches of soil with a rake.

The application rates for established trees, shrubs, and flowers vary with the soil type (Chart 1).

CHART 1. APPLICATION RATES FOR ORNAMENTALS			
Soil Type	Amounts of Product and Equal Measures		
	Ounces/1000 sq.ft.	1.0 Pound/Treated Area	1 Cup/Treated Area
Light Sandy Soil	12 Ounces	1280 sq.ft.	320 sq.ft.
Medium Soil	16 Ounces	960 sq.ft.	240 sq.ft.
Heavy Silt Loam or Clay Loam	24 Ounces	640 sq.ft.	160 sq.ft.
Muck Soils with very high organic matter contents	Not Recommended		

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If it is impossible to mix this product into the soil surface, spread the granules uniformly onto the soil surface around the established ornamentals and water or irrigate within a few hours of application. Apply 1.0 pound of product per 160 sq.ft. (1 cup of product per 40 sq.ft.) DO NOT MIX THE GRANULES INTO THE SOIL WITH THIS APPLICATION RATE.

Gordon's Weeder Granules can be applied under the following established flowers.

ESTABLISHED FLOWERS		
<i>Achillea</i> (Yarrow)	Forget-Me-Not	Portulaca
<i>Ageratum</i> (Flossflower, Pussy-foot)	Four O'Clock	<i>Rosa</i> (Rose)
<i>Arctotis</i> (African daisy)	<i>Gaillardia</i> (Blanket flower)	<i>Rudbeckia</i> (Coneflower)
Aster	Gladiolus	<i>Salvia</i> (Sage, Ramona, salvias)
Balsam	Hollyhock	Sheperd's Scabiosa
Calendula	<i>Ixora</i>	Shasta Daisy
California Poppy	Lobelia	Snapdragon
Calliopsis	Lupines	Stock
Carnation	Marigold	Snow on the Mountain
<i>Centaurea</i>	Morningglory	Sunflower
<i>Chrysanthemum</i>	<i>Nasturtium</i> (Watercress)	Sweet Alyssum
Cosmos	<i>Nicotiana</i>	Sweet Pea
Dahlia	Periwinkle	Sweet William
<i>Dianthus</i> (Pinks)	Petunia	<i>Zinnia</i>
<i>Dimorphotheca</i> (Cape Marigold)	Phlox	
NOTE: Do not use on groundcovers as injury may occur. Also, gladiolus corms less than 1 inch in diameter may be injured.		

### VEGETABLES

Apply this product to the soil surface before the germination of weed seeds. This product does not control established weeds.

This product may be applied up to 10 weeks before seeding or transplanting the vegetables in Chart 2.

The application rates for vegetables vary with the soil type (Chart 2). Do not apply more than the recommended amounts. Equal measures of the application rates for vegetables are shown in Chart 3.

Hoe, clean cultivate, or remove existing weeds before the application of this product. Spread the granules uniformly from this shaker can on a smooth soil surface. Mix the granules into the top 1-3 inches of soil with a rake.

After transplanting cucumbers, cantaloupes, and Irish potatoes, apply this product to the soil surface when these plants have 3-4 leaves. See Chart 2 for the application rates. Mix the granules into the top 1-3 inches of soil. Do not apply this product to these transplants when the foliage is wet.

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<b>CHART 2: Application Rates of This Product At Seeding and Transplanting Vegetables</b>			
	<b>Ounces of Product per 1000 sq.ft. for:</b>		
	<b>Light Sandy Soils</b>	<b>Medium Loam</b>	<b>Heavy Silt Loam or Clay Loam</b>
<b>A. At Seeding.</b>			
Carrots	12	16	24
Cowpeas (Black-eyed peas, Southern pea)	12	16	24
Field Peas (Garden pea, Green pea, English pea, or Common pea)	12	16	24
Lima Beans	12	12	16
Okra	12	16	24
Snap Beans	12	12	16
<b>B. Before Transplanting.</b>			
Broccoli	12	16	24
Brussels Sprouts	12	16	24
Cabbage	12	16	24
Pepper	12	16	24
Tomatoes	12	16	24
<b>C. After Transplanting.</b>			
Cucumbers	12	16	24
Cantaloupes	12	16	24
Irish Potatoes	12	16	24

<b>Chart 3. Equal Measures of the Application Rates for Vegetables</b>			
<b>Soil Type</b>	<b>Amounts of Product</b>		
	<b>Ounces/1000 sq.ft.</b>	<b>1.0 Pound/Treated Area</b>	<b>1 Cup/Treated Area</b>
Light Sandy Soil	12 Ounces	1280 sq.ft.	320 sq.ft.
Medium Soil	16 Ounces	960 sq.ft.	240 sq.ft.
Heavy Silt Loam or Clay Loam	24 Ounces	640 sq.ft.	160 sq.ft.
Muck Soils with very high organic matter contents	Not Recommended		

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WEEDS CONTROLLED	
Grasses	Broadleaf Weeds
Barnyardgrass	Carelessweed
<i>Brachiaria</i>	Carpetweed
Bromegrass	Chickweed
Cheat	Goosefoot
Crabgrasses	Knotweed
Foxtails	Lambsquarters
Goosegrass	Pigweed
Johnsongrass (from seed)	Purslane
Sandbur	Puncturevine
Sprangletop	Stinging Nettle
Texas Panicum	

===== END OF OPTION II =====

**LIMITED WARRANTY AND DISCLAIMER.**

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

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